

# CABLE CATALOGUE



**WABCO**

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## 1 List of abbreviations

ABBREVIATION	MEANING
<b>ABS</b>	Anti-Lock Braking System
<b>BVA</b>	(German: Bremsbelagverschleißanzeige); brake lining wear indicator
<b>CAN</b>	Controller Area Network; asynchronous serial bus system for networking control units in vehicles
<b>DIN</b>	(German: Deutsches Institut für Normung); German Institute for Standardisation
<b>ECU</b>	Electronic Control Unit
<b>ECAS™</b>	Electronically Controlled Air Suspension
<b>eTASC</b>	Electronic Trailer Air Suspension Control; rotary slide valve with RTR and ECAS™ functions
<b>GIO</b>	Generic Input/Output
<b>HDSCS</b>	Heavy Duty Sealed Connector Series; sealed plug connection
<b>ILS</b>	(German: Integrierte Liftachs-Steuerung); Integrated lifting axle control
<b>ISO</b>	International Organization for Standardization
<b>ISS</b>	Integrated Speed Switch
<b>IVTM</b>	Integrated Vehicle Tyre Monitoring system for commercial vehicles
<b>LIN</b>	Local Interconnect Network; specification for a serial communication system, also called LIN bus; sensor interface
<b>MRV</b>	(German: Magnetregelventil); Solenoid control valve
<b>PREV</b>	Park Release Emergency Valve
<b>RGE</b>	Running gear; external system
<b>RSS</b>	Roll Stability Support
<b>RtR</b>	Return to Ride; return to normal level (air suspension)
<b>RV</b>	Relay valve
<b>TASC™</b>	Trailer Air Suspension Control; rotary slide valve with RtR function
<b>TEBS</b>	Electronic Braking System for Trailers
<b>TH</b>	Traction Help; low-speed traction control
<b>VCS</b>	Vario Compact System



# 2 General information

### Purpose of this document

This document gives an overview of the different cables used by WABCO.

### WABCO Academy



<https://www.wabco-academy.com/home/>

### WABCO Online product catalogue



<http://inform.wabco-auto.com/>

### Registered trademarks

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### Unavailable products

Some products are illustrated in this publication which are not or only partly available. This is intended to serve as information for our customers, and to help them find alternatives for the respective products if necessary.

## 3 Installation instructions

### Connector assembly

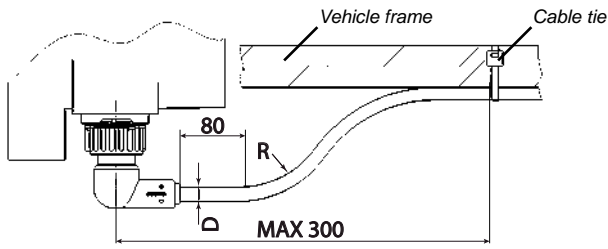
- Protect the plug connections against environmental influences (moisture, dust, dirt) during the assembly.
- Make sure that the seals are on the cable connector and that they are undamaged and clean.
- The use of additives such as contact spray, contact grease or cold cleaner in the connector area is not permitted without the approval of WABCO. These substances can damage the seals and plastics.
- Plug the cable connectors completely onto the matching counterparts. All contacts must fit cleanly into one another. Then lock the plug connection in its end position.
- The ISO 7638 socket must be mounted tilted downwards at an angle of between 0° and 30°. Otherwise water could collect in the plug when coupling / uncoupling the connection. Connect any unused ISO 7638 plugs to the parking receptacle.

### Laying and fastening the cables

- The cables must not be sharply kinked directly after the connector. Keep the cable straight for 1x the connector length (H) after the connector. Reference value: approx. 100 mm from the end of the connector.
- Observe a minimum bending radius (R)  $\geq 10x$  cable diameter (D). Reference value: 100 mm. Kinked cables and heavy cable bundles are not permitted and can cause damage and unforeseeable failures.
- Fasten the cables and connectors so that the plug connections are not subjected to any tensile stress or lateral forces.
- Secure the first cable fixation max. 300 mm after the plug connection (see illustrations below).
- Only fasten cables to elements that are rigidly attached to the component, e.g. the vehicle frame. Fastening cables to flexible elements can cause cable breakages and the seal could break. Prevent any relative movement between the cable and the component (exception: wheel sensors).
- Make sure that the cable ties are not excessively tightened. This can cause damage to the cable sheath and copper strands. The maximum tensile forces stipulated by the manufacturer must not be exceeded. Use cable ties that are as wide as possible ( $> 4.7$  mm). Avoid attaching them tightly to flexible, pulsating elements such as hoses. For safety reasons, special cable ties (e.g. WABCO 894 326 012 4) should be used for critical installations.
- Take protective measures when routing cables in hazardous areas (e.g. sharp edges, aggressive media, high temperatures).
- Seal open-ended cables separately or route them into a waterproof junction box.

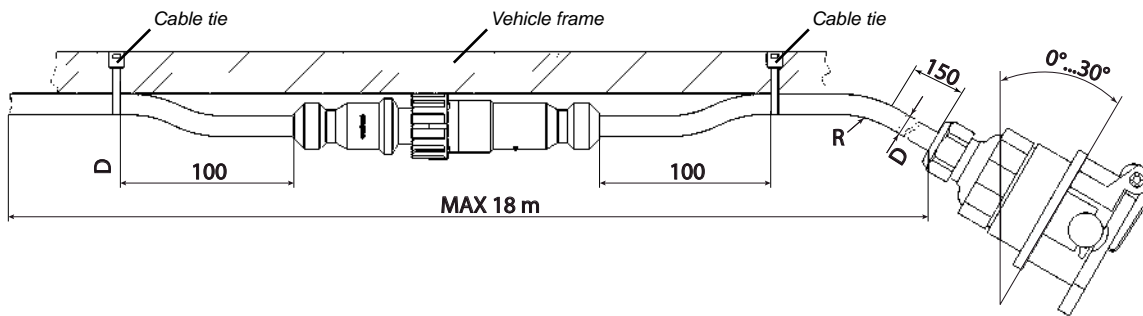
# Installation instructions

## Solenoid valve cable

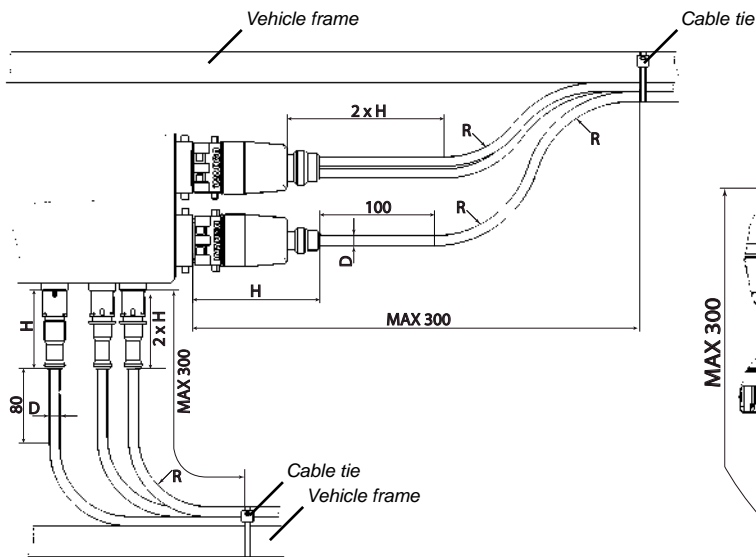


$$R \geq 10 \times D$$

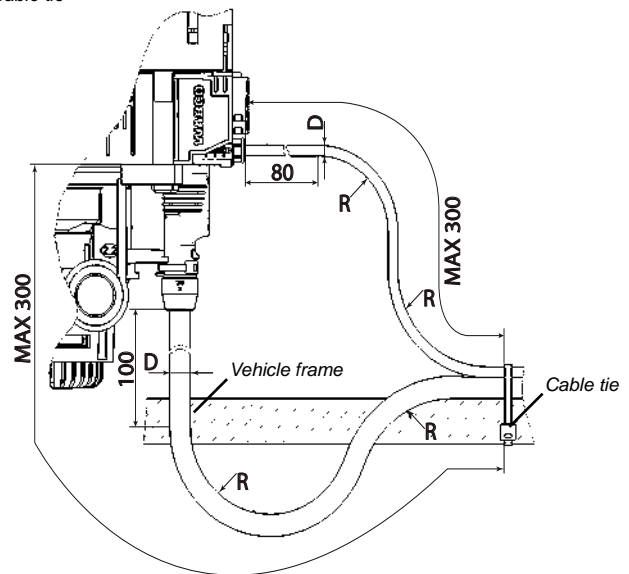
## Supply cable



## TEBS D modulator



## TEBS E modulator



## 4 Cable List

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441 032 XXX 4	Protective cap for sensor connection	TEBS D	46
441 902 XXX 2	Cable bridge	Brake lining wear	92
446 008 XXX 0	Coiled cable	Various	108
446 008 XXX 2	Connectors, sockets, accessories	Various	107 - 112
446 008 XXX 4	Contact pins	Various	109
446 009 XXX 2	Spring contact plug	Various	110
446 010 XXX 2	Distribution box	Various	107
446 055 XXX 2	ECAS equipment pack	ECAS	73
446 105 0XX 2	Bottom part of box, accessories	Vario C	69
446 105 5XX 2	Warning / signal light	Various	113
446 105 XXX 4	Bottom part of box, accessories	Vario C, ECAS	69, 73
446 122 XXX 0	Distribution box	Various	107
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449 030 XXX 0	TX-TRAILERGUARD™	TEBS E	29
449 033 XXX 0	SmartBoard and TX-TRAILERGUARD™	TEBS E	21
449 112 XXX 0	Supply to semitrailers	VCS	62
449 113 XXX 0	Supply to semitrailers	Trailer Central Electronic	76
449 121 XXX 0	Supply with open end	Trailer Central Electronic	77
449 124 XXX 0	Y-supply to semitrailers	VCS II	54
449 125 XXX 0	Supply to semitrailers	VCS II	53
449 126 XXX 0	Supply to semitrailers	VCS II	55
449 127 XXX 0	Y-supply to semitrailers	VCS II	54
449 132 XXX 0	Supply with separating point	VCS II, VCS	53, 63
449 133 XXX 0	Supply with separating point	Different systems	18, 37, 49, 76
449 134 XXX 0	Y-supply to semitrailers	VCS II	56
449 135 XXX 0	Supply with separating point	Different systems	18, 37, 49, 76
449 142 XXX 0	Supply to semitrailers	Vario C	67
449 144 XXX 0	Y-supply to semitrailers	VCS II	57
449 152 XXX 0	Supply to semitrailers	Vario C	67
449 172 XXX 0	Supply to semitrailers	Different systems	38, 50, 75
449 173 XXX 0	Supply to semitrailers	TEBS E, CAN router / repeater	17, 50
449 212 XXX 0	Supply to drawbar trailers	VCS	62
449 222 XXX 0	Supply to drawbar trailers	Vario C	67
449 224 XXX 0	Y-supply to drawbar trailers	VCS II	55
449 225 XXX 0	Supply to semitrailers	VCS II	53
449 226 XXX 0	Supply to drawbar trailers	VCS II	55
449 231 XXX 0	Supply with separating point	TEBS E, CAN router / repeater	18, 49
449 232 XXX 0	Supply to drawbar trailers	Vario C	67
449 233 XXX 0	Supply with separating point	Different systems	18, 37, 49, 76
449 234 XXX 0	Y-supply to drawbar trailers	VCS II	56
449 242 XXX 0	Supply with separating point	VCS II, VCS	53, 63
449 244 XXX 0	Y-supply to drawbar trailers	VCS II	57
449 272 XXX 0	Supply to drawbar trailers	Different systems	38, 50, 75
449 273 XXX 0	Supply to drawbar trailers	TEBS E, CAN router / repeater	17, 50
449 302 XXX 0	IVTM cable	Trailer Central Electronic, IVTM	79, 86
449 303 XXX 0	Supply	Electronic extension module	31
449 305 XXX 0	Supply with open end	Electronic extension module	31
449 311 XXX 0	Lighting carrier	Trailer Central Electronic	77
449 314 XXX 0	Y-supply	VCS	63
449 320 XXX 0	Supply with open end	VCS II	56
449 323 XXX 0	ECAS™ cable for VCS	VCS, ECAS™	64, 70
449 331 XXX 0	Supply with separating point	VCS	63
449 332 XXX 0	Supply with open end	VCS	62
449 333 XXX 0	Supply with separating point	Different systems	37, 50, 76
449 334 XXX 0	Electronic air suspension module, diagnosis, lifting axle valve	TEBS D, electronic air suspension module	43, 83
449 335 XXX 0	Supply with separating point	TEBS D, Trailer Central Electronic	37, 76
449 336 XXX 0	ECAS™ cable for VCS II	VCS II, ECAS™	59, 70

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449 340 XXX 0	Electronic air suspension module, VCS II, diagnosis	VCS II, electronic air suspension module	60, 83
449 341 XXX 0	TASC™, 24N	TEBS D	39
449 343 XXX 0	TASC™, lifting axle, 24N	TEBS D	39
449 344 XXX 0	Electronic air suspension module, diagnosis	TEBS D, electronic air suspension module	43, 83
449 345 XXX 0	Supply with open end	VCS II	54
449 346 XXX 0	TASC™, lifting axle, 24N	TEBS D	39
449 347 XXX 0	Supply with separating point	TEBS E, CAN router / repeater	17, 49
449 348 XXX 0	EBS E, Trailer Central Electronic	TEBS E, Trailer Central Electronic	22, 78
449 349 XXX 0	Stop light supply	TEBS E	22
449 350 XXX 0	Stop light supply	TEBS E	22
449 353 XXX 0	Supply with separating point	TEBS E	17
449 354 XXX 0	Electronic air suspension module, VCS diagnosis	VCS, electronic air suspension module	66, 83
449 355 XXX 0	Connection to towing vehicle	Electronic air suspension module	84
449 356 XXX 0	GIO, IN/OUT	TEBS E	27
449 357 XXX 0	GIO, IN/OUT	TEBS E	27
449 358 XXX 0	GIO, IN/OUT	TEBS E	27
449 359 XXX 0	GIO, IN/OUT	TEBS E	27
449 362 XXX 0	Supply cable, data cable	EBS on towing vehicle	47
449 363 XXX 0	Data cable	EBS on towing vehicle	47
449 365 XXX 0	IN/OUT cable with open end	TEBS E	22
449 366 XXX 0	IN/OUT cable with bayonet fitting	TEBS E	23
449 371 XXX 0	Supply with open end	TEBS E	17
449 372 XXX 0	EBS relay valve	TEBS D	39
449 373 XXX 0	Supply with open end	TEBS D, Trailer Central Electronic	38, 75
449 374 XXX 0	Supply with separating point	VCS II	55
449 375 XXX 0	Supply with separating point	VCS II	54
449 376 XXX 0	Bayonet connection with open end	OptiTire™ / IVTM	85
449 377 XXX 0	IVTM cable for TEBS D	TEBS D, OptiTire™ / IVTM	44, 86
449 378 XXX 0	IVTM cable for TEBS D	TEBS D	45
449 382 XXX 0	ECAS™ cable for TEBS D	TEBS D, ECAS™	41, 70
449 383 XXX 0	TASC™, lifting axle, 24N	TEBS D	40
449 384 XXX 0	Y-supply with separating point	VCS II	57
449 385 XXX 0	Supply with separating point	VCS II	56
449 386 XXX 0	Y-supply with separating point	VCS II	57
449 391 XXX 0	Lighting carrier	Trailer Central Electronic	78
449 392 XXX 0	Lighting carrier	Trailer Central Electronic	78
449 393 XXX 0	Additional lighting	Trailer Central Electronic	79
449 394 XXX 0	Connection for TEBS D and RGE	Trailer Central Electronic	78
449 399 XXX 0	Connection for TEBS D	Trailer Central Electronic	78
449 402 XXX 0	ISS cable with open end	VCS	64
449 411 XXX 0	Solenoid valve cable for 3rd modulator	VCS	64
449 413 XXX 0	Solenoid valve cable with open end	Vario C, solenoid valve cable	68, 93
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449 426 XXX 0	ABS relay valve	TEBS D	38
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449 435 XXX 0	TASC™, lifting axle, 24N	TEBS D	40
449 436 XXX 0	ABS relay valve	TEBS E	18
449 437 XXX 0	Subsystem cable with open end	TEBS E	22
449 438 XXX 0	ECAS™ cable for TEBS E	TEBS E, ECAS™	24, 78
449 439 XXX 0	ECAS™ valve	TEBS E	23
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449 444 XXX 0	Connection for modulators	VCS	65
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449 472 XXX 0	Trailer brake valve	TEBS D	40
449 473 XXX 0	Trailer brake valve	TEBS D	41
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449 483 XXX 0	ECAS™ valve	Trailer Central Electronic	81
449 484 XXX 0	2 x ECAS™ valves	Trailer Central Electronic	81
449 485 XXX 0	ECAS™ valve, lifting axle	Trailer Central Electronic	82
449 494 XXX 0	ECAS™ valve, lifting axle	Trailer Central Electronic	82
449 511 XXX 0	Kostal connection with open end	Solenoid valve cable	96
449 513 XXX 0	Bayonet connection with open end	Solenoid valve cable	94
449 514 XXX 0	Bayonet connection with open end	Solenoid valve cable	94
449 515 XXX 0	Bayonet connection with open end	Solenoid valve cable	93
449 517 XXX 0	Battery box	ECAS™	73
449 521 XXX 0	Kostal connection with open end	Solenoid valve cable	96
449 523 XXX 0	Kostal connection with open end	Solenoid valve cable	97
449 524 XXX 0	Kostal connection with open end	Solenoid valve cable	97
449 534 XXX 0	Connection for modulators	VCS II	61
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449 544 XXX 0	Connection for modulators	VCS II	61
449 554 XXX 0	EBS D, electronic air suspension module, diagnosis	TEBS D, electronic air suspension module	43, 83
449 566 XXX 0	Connection for modulators, GIO	VCS II	61
449 601 XXX 0	Diagnosis	OptiTire™ / IVTM	87
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449 604 XXX 0	Additional lighting	Trailer Central Electronic	80
449 605 XXX 0	Diagnosis	Electronic extension module	32
449 610 XXX 0	GIO cable with open end	TEBS E	29
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449 612 XXX 0	Diagnosis	VCS	65
449 614 XXX 0	Diagnosis, ISS, ILS	TEBS D	42
449 615 XXX 0	Diagnosis	VCS II	58
449 616 XXX 0	Diagnosis, modulator	VCS II	58
449 617 XXX 0	Diagnosis, GIO	VCS II	58
449 618 XXX 0	Diagnosis, modulator, GIO	VCS II	59
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449 621 XXX 0	Diagnosis	ECAS™	73
449 623 XXX 0	Diagnosis, TASC™	VCS II	59
449 624 XXX 0	Diagnosis, lifting axle	TEBS D	42
449 626 XXX 0	Traction help, unloading level, height sensor	TEBS E	26
449 627 XXX 0	Control box	TEBS E	19
449 628 XXX 0	Remote control unit	TEBS E	19
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449 720 XXX 0	3-pin extension cable	Brake lining wear	91
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449 722 XXX 0	Brake signal transmitter	EBS on towing vehicle	47
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449 739 XXX 0	Socket, BVA socket	Sensor cable	105
449 742 XXX 0	Height sensor	ECAS™	72
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449 763 XXX 0	3-pin socket with open end	TEBS E	26
449 764 XXX 0	Solenoid valve, traction help	TEBS D	44
449 803 XXX 0	Y distributor	Electronic extension module	33
449 804 XXX 0	2 x height sensor, battery box	Trailer Central Electronic	81
449 806 XXX 0	LIN ultrasonic sensor	Electronic extension module	32
449 807 XXX 0	Battery box	Electronic extension module	32
449 808 XXX 0	Battery	Electronic extension module	33
449 811 XXX 0	Height sensor	TEBS E	24
449 812 XXX 0	Pressure sensor	TEBS E	24
449 813 XXX 0	Traction help	TEBS E	24
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449 906 XXX 0	SmartBoard	Electronic extension module	31
449 907 XXX 0	Telematics unit	Different systems	32, 88
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449 910 XXX 0	Telematics unit	TEBS D, TrailerGUARD™	41, 88
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449 919 XXX 0	Telematics with open end	TrailerGUARD™	88
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449 926 XXX 0	SmartBoard, remote control unit	Electronic extension module	31
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449 931 XXX 0	Telematics unit	TEBS E	20
449 932 XXX 0	Telematics unit	TEBS E	29
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449 944 XXX 0	OptiTire™, OptiLink™, control box	TEBS E, OptiTire™ / IVTM	21, 85
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480 102 XXX 2	Locking set	Different systems	35
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884 026 262 4	Mounting sleeve	Various	111
884 026 263 4	Dismounting sleeve	Various	111
894 020 314 2	Protective cap for diagnosis socket	ECAS™	74
894 070 XXX 4	Contact pins	Various	109
894 100 030 2	Plug solenoid valve	Solenoid valve cable	99
894 100 353 2	Connection solenoid valve / air dryer	Solenoid valve cable	96
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894 601 015 2*	Kostal connection with open end	Solenoid valve cable	97
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894 601 132 2	Adapter bayonet – Kostal	Solenoid valve cable	98
894 601 133 2	Adapter Kostal – bayonet	Solenoid valve cable	98
894 601 134 2	Adapter bayonet – Kostal	Solenoid valve cable	98
894 601 135 2	Adapter Kostal – bayonet	Solenoid valve cable	98



# Cable List

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894 601 138 2	Y-distributor bayonet	Solenoid valve cable	40, 98
894 601 142 2*	Connection ECAS™ – Vario C	ECAS™	71
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894 604 630 2	Wiring harness	ECAS™	74
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894 607 411 0	Adapter VCS – VCS II	VCS II	61
895 310 005 2	Enclosure cover	Electronic extension module	34
898 020 319 2	Protective cap for remote control unit	ECAS™	73
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\*Available in several versions or lengths.



### 5 System overview

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B – Electronic extension module – p. 30

C – TEBS D – p. 36

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F – VCS II – p. 52

G – VCS – p. 62

H – Vario C – p. 67

I – ECAS™ – p. 70

J – Trailer Central Electronic – p. 75

K – Electronic air suspension module – p. 83

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M – TrailerGUARD™ – p. 88

N – Brake lining wear – p. 91

O – Solenoid valve cable – p. 93

P – Sensor cable – p. 100

Q – Miscellaneous – p. 107

## 6 TEBS E

A

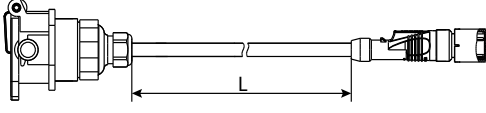


Product Number	System	GIO	PEM	Supply	Screw Connection		
					PREV	Brake Cylinder	Air Suspension
480 102 030 0 480 102 030 7	Standard, 2S/2M	1...4	X	X	X	X	X
480 102 031 0	Standard, 2S/2M	1...4	✓	16 x 2	8 x 1	12 x 1.5	8 x 1
480 102 032 0	Standard, 2S/2M	1...4	X	15 x 1.5	8 x 1	8 x 1	8 x 1
480 102 033 0	Standard, 2S/2M	1...4	✓	15 x 1.5	8 x 1	12 x 1.5	12 x 1.5 8 x 1
480 102 034 0	Standard, 2S/2M	1...4	✓	X	X	X	X
480 102 035 0	Standard, 2S/2M	1...4	✓	15 x 1.5	10 x 1	8 x 1	8 x 1
480 102 036 0	Standard, 2S/2M	1...4	✓	15 x 1.5	8 x 1	12 x 1.5	8 x 1
480 102 060 0 480 102 060 7	Premium, max. 4S/3M	1...7	X	X	X	X	X
480 102 061 0	Premium, max. 4S/3M	1...7	✓	16 x 2	8 x 1	12 x 1.5	8 x 1
480 102 062 0	Premium, max. 4S/3M	1...7	X	15 x 1.5	8 x 1	8 x 1	8 x 1
480 102 063 0	Premium, max. 4S/3M	1...7	✓	15 x 1.5	8 x 1	12 x 1.5	12 x 1.5 8 x 1
480 102 064 0	Premium, max. 4S/3M	1...7	✓	X	X	X	X
480 102 065 0	Premium, max. 4S/3M	1...7	✓	15 x 1.5	10 x 1	8 x 1	8 x 1
480 102 066 0	Premium, max. 4S/3M	1...7	✓	15 x 1.5	8 x 1	12 x 1.5	8 x 1
480 102 080 0	Multi-voltage, max. 4S/3M	1...7	X	X	X	X	X
480 102 084 0	Multi-voltage, max. 4S/3M	1...7	✓	X	X	X	X

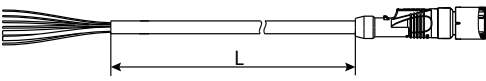
## Supply cable

A

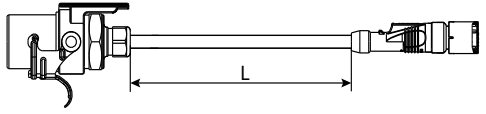
### for semitrailers

	Part Number	L [m]	Cable ends type	
	449 173 090 0	9	Socket ISO 7638 7-pin	Code A 8-pin
	449 173 100 0	10		
	449 173 120 0	12		
	449 173 130 0	13		
	449 173 140 0	14		
	449 173 150 0	15		
	449 173 160 0	16		

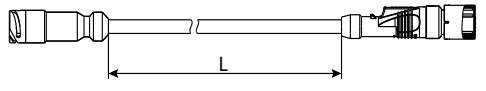
### with open end

	Part Number	L [m]	Cable ends type	
	449 371 120 0	12	open 7-strand 2 x 4.0 mm <sup>2</sup> 3 x 1.5 mm <sup>2</sup> 2 x 1.0 mm <sup>2</sup>	Code A 8-pin
	449 371 180 0	18		

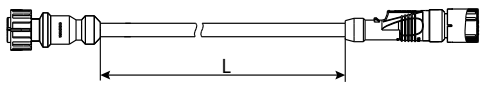
### for drawbar trailers

	Part Number	L [m]	Cable ends type	
	449 273 060 0	6	Connector ISO 7638 7-pin	Code A 8-pin
	449 273 100 0	10		
	449 273 120 0	12		
	449 273 150 0	15		

### with separating point

	Part Number	L [m]	Cable ends type	
	449 353 005 0	0.5	Coupling connector 7-pin	Code A 8-pin
	449 353 110 0	11		
	449 353 140 0	14		
	449 353 180 0*	18		

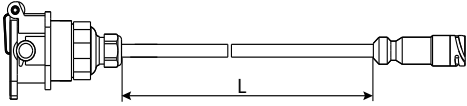
### with separating point

	Part Number	L [m]	Cable ends type	
	449 347 003 0	0.3	Coupling socket 7-pin	Code A 8-pin
	449 347 025 0	2.5		
	449 347 080 0	8		
	449 347 120 0	12		
	449 347 180 0	18		

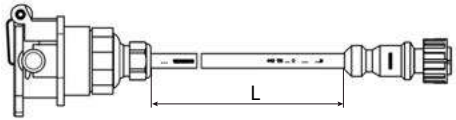
## Supply cable

A

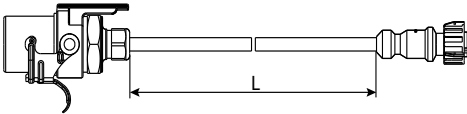
### for semitrailers with separating point

	Part Number	L [m]	Cable ends type	
	449 133 003 0	0.3	Socket ISO 7638 7-pin	Coupling connector 7-pin
	449 133 030 0	3		
	449 133 060 0	6		
	449 133 120 0	12		
	449 133 150 0	15		

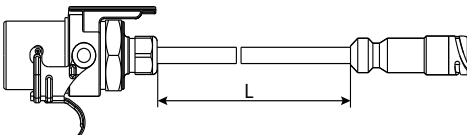
### for semitrailers with separating point

	Part Number	L [m]	Cable ends type	
	449 135 005 0	0.5	Socket ISO 7638 7-pin	Coupling socket 7-pin
	449 135 025 0	2.5		
	449 135 060 0	6		
	449 135 140 0	14		

### for drawbar trailers with separating point

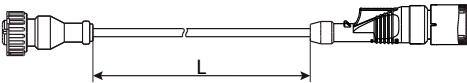
	Part Number	L [m]	Cable ends type	
	449 231 060 0	6	Connector ISO 7638 7-pin	Coupling socket 7-pin
	449 231 120 0	12		

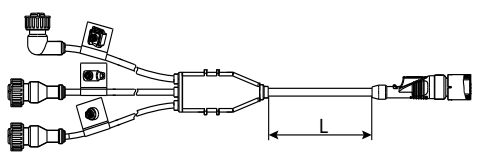
### for drawbar trailers with separating point

	Part Number	L [m]	Cable ends type	
	449 233 030 0	3	Connector ISO 7638 7-pin	Coupling connector 7-pin
	449 233 100 0	10		
	449 233 140 0	14		
	449 233 180 0	18		

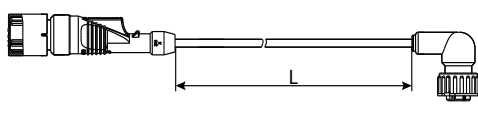
## Modulator

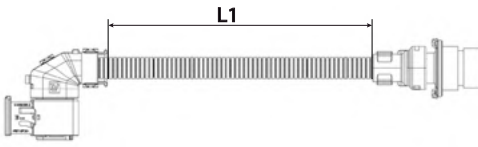
### for ABS relay valve

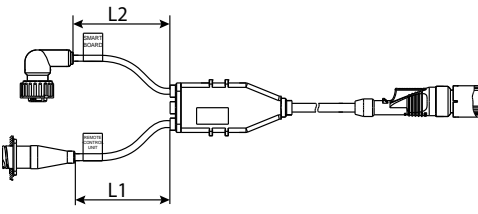
	Part Number	L [m]	Cable ends type	
	449 436 030 0	3	Bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin	Code B 8-pin
	449 436 080 0	8		

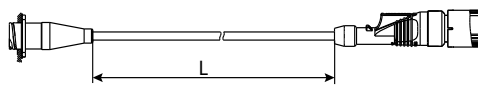
for EBS relay valve				
	Part Number	L [m]	Cable ends type	
	449 429 010 0	1	2x bajonet socket ISO 15170-B1-3.1-Sn/K1	
	449 429 030 0	3	1x bajonet socket ISO 15170-B1-2.1-Sn/K1	
	449 429 080 0	8	4-pin	
	449 429 130 0	13		
			Code B 8-pin	

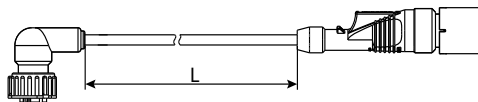
## Subsystems

for SmartBoard				
	Part Number	L [m]	Cable ends type	
	449 911 040 0	4	Code C 8-pin	Bayonet socket 7-pin
	449 911 060 0	6		
	449 911 120 0	12		

Adapter cable for SmartBoard				
	Part Number	L [m]	Cable ends type	
		894 600 074 2*	0.15	Socket HDSCS 8-pin

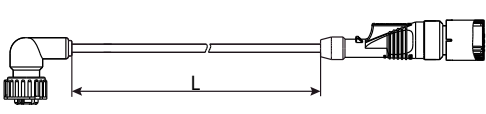
for SmartBoard and remote control unit					
	Part Number	L1 [m]	L2 [m]	Cable ends type	
		449 912 234 0	7	5	Bayonet socket 7-pin + remote control unit socket

for remote control unit				
	Part Number	L [m]	Cable ends type	
		449 628 050 0	5	Socket Remote control unit

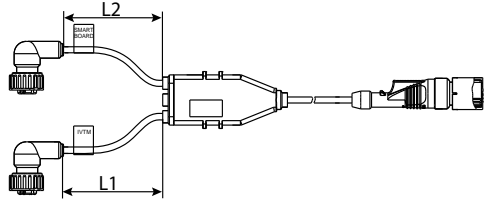
for control box					
	Part Number	L [m]	Cable ends type		
		449 627 040 0	4	Bayonet socket 7-pin	Code C 8-pin
		449 627 060 0	6		

A

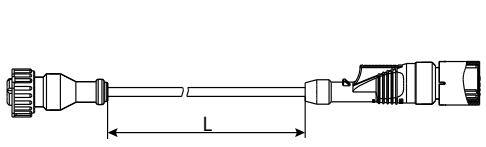
for OptiTire™ / IVTM

	Part Number	L [m]	Cable ends type	
	449 913 050 0	5	Bayonet socket 7-pin	Code C 8-pin

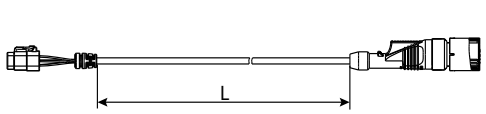
for SmartBoard and OptiTire™ / IVTM

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 916 182 0	0.4	4	2x bayonet socket 7-pin	Code C 8-pin
	449 916 243 0	1	6		
	449 916 253 0	6	6		

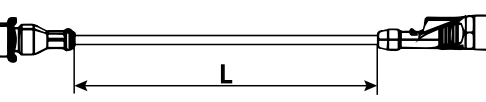
for Telematics

	Part Number	L [m]	Cable ends type	
	449 914 010 0	1	Bayonet socket ISO 15170-B1-4.1-Sn/K1 4-pin	Code C 8-pin
	449 914 120 0	12		
	449 914 170 0	17		

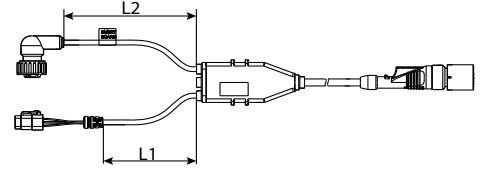
for Telematics

	Part Number	L [m]	Cable ends type	
	449 917 010 0	1	Socket DEUTSCH® 6-pin	Code C 8-pin
	449 917 025 0	2.5		
	449 917 050 0	5		

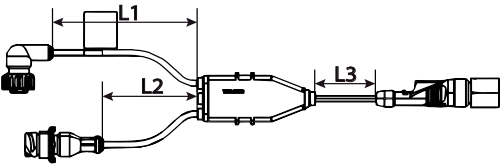
for Telematics

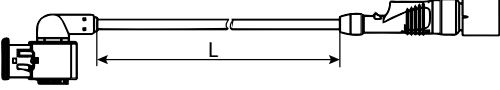
	Part Number	L [m]	Cable ends type	
	449 931 030 0*	3	Bayonet plug 7-pin	Code C 8-pin
	449 931 035 0	3.5		

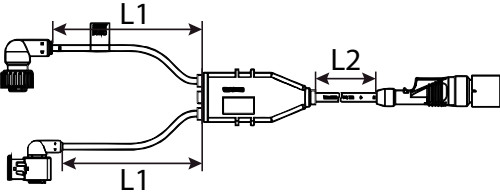
for Telematics and SmartBoard

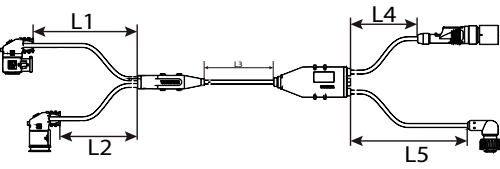
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 920 248 0	3	6	Bayonet socket 7-pin + socket DEUTSCH® 6-pin	Code C 8-pin

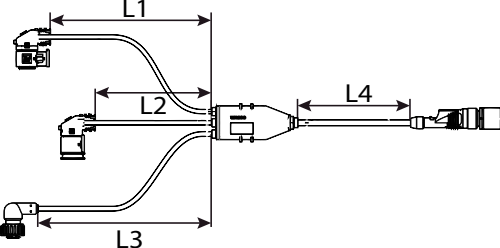


for Telematics and SmartBoard						
	Part Number	L1 [m]	L2 [m]	L3 [m]	Cable ends type	
		449 930 248 0	3	6	1	Bayonet socket 7-pin + bayonet plug 7-pin

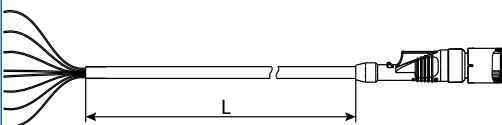
for TX-TRAILERGUARD™				
	Part Number	L [m]	Cable ends type	
		449 029 000 0	5	Socket HDSCS 6-pin

for SmartBoard and TX-TRAILERGUARD™					
	Part Number	L1 [m]	L2 [m]	Cable ends type	
		449 033 000 0	3	6	Bayonet socket 7-pin + socket HDSCS 6-pin

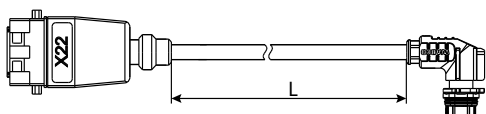
for SmartBoard and OptiLink™ and / or OptiTire™								
	Part Number	L1 [m]	L2 [m]	L3 [m]	L4 [m]	L5 [m]	Cable ends type	
		449 934 330 0	12	1	4	0.5	6	2x socket HDSCS 8-pin

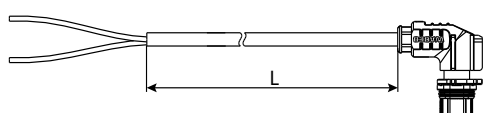
for Control box and OptiLink™ and / or OptiTire™							
	Part Number	L1 [m]	L2 [m]	L3 [m]	L4 [m]	Cable ends type	
		449 944 217 0	12	4.5	6	0.5	2x socket HDSCS 8-pin + bayonet socket 7-pin

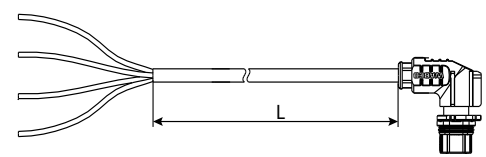
A

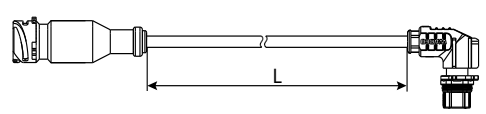
Universal cable			
	Part Number	L [m]	Cable ends type
	449 437 020 0	2	open 8-strand 5 x 1.0 mm <sup>2</sup> 3 x 0.5 mm <sup>2</sup>
449 437 060 0	6		

## IN / OUT

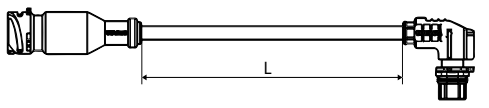
for Trailer Central Electronic 446 122 001 0 (only for TEBS E0 to TEBS E3)			
	Part Number	L [m]	Cable ends type
	449 348 020 0	2	Trailer Central Electronic slot X22 8-pin

for stop light supply (24 N)				
	Part Number	L [m]	Cable ends type	
	449 349 040 0	4	open 2-strand 2 x 1.5 mm <sup>2</sup>	Code C 4-pin
	449 349 060 0	6		
	449 349 100 0	10		
	449 349 150 0	15		

for stop light supply (24 N), traction help and forced lowering				
	Part Number	L [m]	Cable ends type	
	449 365 060 0	6	open 4-strand 4 x 1.5 mm <sup>2</sup>	Code C 4-pin
	449 365 120 0	12		

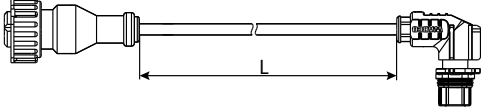
for stop light supply (24 N)				
	Part Number	L [m]	Cable ends type	
	449 350 010 0	1	Bayonet plug ISO 15170-B1-2.1-Sn/K1 4-pin	Code C 4-pin
	449 350 028 0	2.8		
	449 350 055 0	5.5		
	449 350 090 0	9		

for stop light supply (24 N), traction help and forced lowering

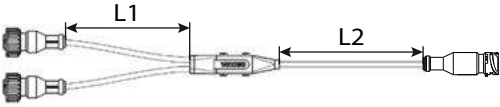
	Part Number	L [m]	Cable ends type	
	449 366 010 0	1	Bayonet plug ISO 15170-B1-4.1-Sn/K1 4-pin	Code C 4-pin
449 366 055 0	5.5			

GIO

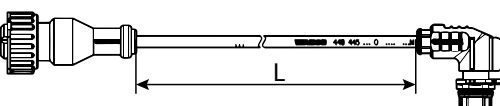
for lifting axle valve 463 084 XXX 0, for TASC™ (RtR) 463 090 XXX 0

	Part Number	L [m]	Cable ends type		
	449 443 008 0	0.8	Bayonet socket ISO 15170-B1-2.1-Sn/K1 4-pin	Code B 4-pin	
	449 443 010 0	1			
	449 443 020 0	2			
	449 443 040 0	4			
	449 443 060 0	6			
449 443 100 0	10				

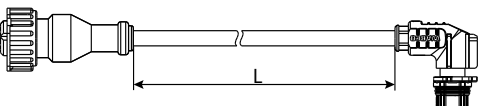
for TASC™ (RtR) 463 090 XXX 0

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 447 022 0	0.4	1	2x bayonet socket ISO 15170-B1-2.1-Sn/K1 4-pin	Bayonet plug ISO 15170-B1-2.1-Sn/K1 4-pin

for ECAS™ valves 472 905 114 0, 472 880 030 0, lifting axle valve 463 084 100 0, eTASC 463 090 5XX 0

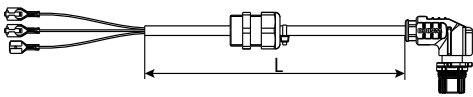
	Part Number	L [m]	Cable ends type		
	449 445 010 0	1	Bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin	Code B 4-pin	
	449 445 030 0	3			
	449 445 050 0	5			
449 445 060 0	6				

for ECAS™ valve 472 905 111 0 (2-point control)

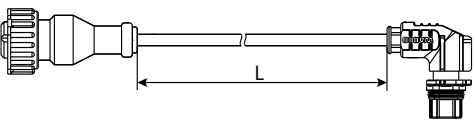
	Part Number	L [m]	Cable ends type	
	449 439 030 0	3	Bayonet socket ISO 15170-B1-4.1-Sn/K1 4-pin	Code B 4-pin

A

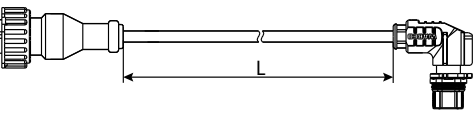
for external ECAS™ 446 055 066 0

	Part Number	L [m]	Cable ends type	
	449 438 050 0	5	open 3-strand with push-on contacts and PG screw connection 3 x 1.00 mm <sup>2</sup>	Code B 4-pin
449 438 080 0	8			

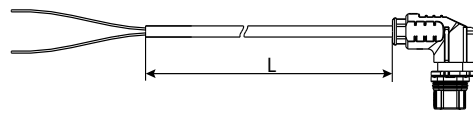
for height sensor 441 050 100 0

	Part Number	L [m]	Cable ends type		
	449 811 010 0	1	Bayonet socket ISO 15170-B1-2.1-Sn/K1 4-pin	Code B 4-pin	
	449 811 030 0	3			
	449 811 050 0	5			
	449 811 080 0	8			
	449 811 120 0	12			

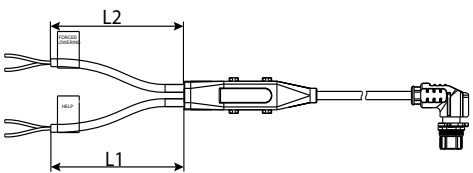
for pressure sensor 441 040 XXX 0, 441 044 XXX 0

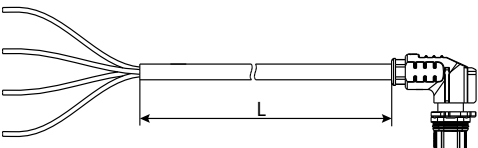
	Part Number	L [m]	Cable ends type		
	449 812 004 0	0.4	Bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin	Code B 4-pin	
	449 812 030 0	3			
	449 812 040 0	4			
	449 812 100 0	10			
	449 812 120 0	12			
	449 812 180 0	18			
	449 812 260 0	26			
	449 812 320 0	32			
	449 812 440 0	44			

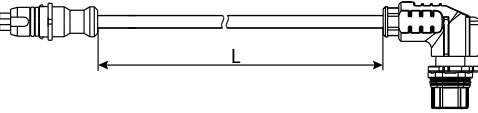
for traction help

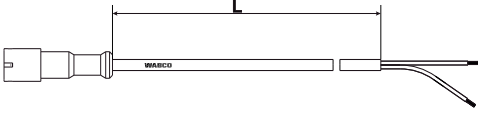
	Part Number	L [m]	Cable ends type		
	449 813 050 0	5	open 2-strand 2 x 0.75 mm <sup>2</sup>	Code B 4-pin	
	449 813 080 0	8			
	449 813 150 0	15			

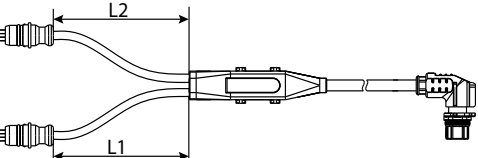
for traction help and forced lowering (or unloading level switch)

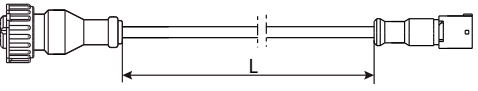
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 815 253 0	6	6	2x open 2-strand 4 x 1.0 mm <sup>2</sup>	Code B 4-pin
449 815 258 0	15	6			

Universal cable				
	Part Number	L [m]	Cable ends type	
	449 535 010 0	1	open 4-strand 4 x 1.5 mm <sup>2</sup>	Code B 4-pin
	449 535 060 0	6		
	449 535 100 0	10		
	449 535 150 0	15		

Adapter cable				
	Part Number	L [m]	Cable ends type	
	449 819 010 0	1	Sensor plug 2-pin	Code B 4-pin

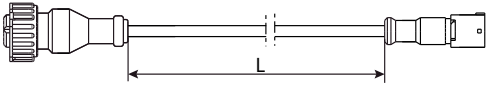
Sensor extension cable				
	Part Number	L [m]	Cable ends type	
	449 714 010 0	1	Sensor socket 2-pin	open 2-strand 2 x 0.75 mm <sup>2</sup>
	449 714 028 0	2.8		
	449 714 047 0	4.7		
	449 714 061 0	6.1		
	449 714 075 0	7.5		
	449 714 087 0	8.7		
	449 714 100 0	10		
	449 714 130 0	13		

Y distributor					
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 629 022 0	0.4	0.4	2x sensor plug 3-pin	Code B 4-pin

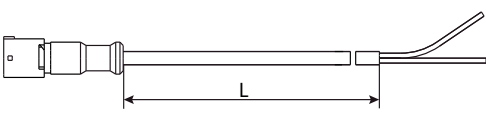
for pressure sensor, lifting axle or height sensor with Y-distributor				
	Part Number	L [m]	Cable ends type	
	449 752 010 0	1	Bayonet socket ISO 72585-B1-3.1-Sn/K1 4-pin	Sensor socket 3-pin
	449 752 020 0	2		
	449 752 030 0	3		
	449 752 080 0	8		
	449 752 100 0	10		

A

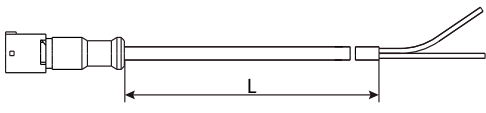
for ECAS™ valve or lifting axle valve with Y-distributor

	Part Number	L [m]	Cable ends type	
	449 761 030 0	3	Bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin	Sensor socket 3-pin

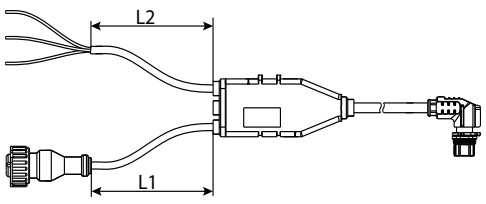
for traction help or manoeuvring assistance with Y-distributor

	Part Number	L [m]	Cable ends type	
	449 762 020 0	2	Sensor socket 3-pin	open 2-strand 2 x 0.75 mm <sup>2</sup>
	449 762 080 0	8		
	449 762 150 0	15		

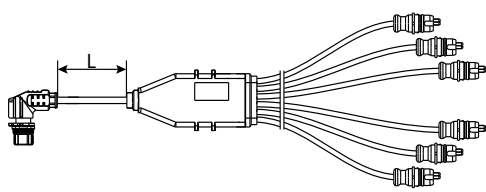
for mechanical switch for road finisher brake (not for proximity switch) with Y distributor

	Part Number	L [m]	Cable ends type	
	449 763 100 0	10	Sensor socket 3-pin	open 2-strand 2 x 0.75 mm <sup>2</sup>

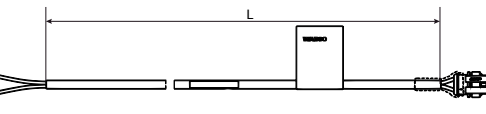
for traction help, unloading level and height sensor

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 626 188 0	3	4	open 3-strand 3 x 1.0 mm <sup>2</sup> + bayonet socket ISO 15170-B1-2.1-Sn/K1 4-pin	Code B 4-pin

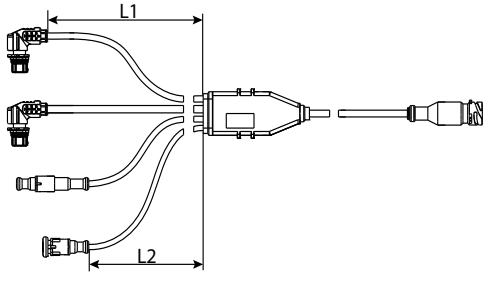
for wear indicator

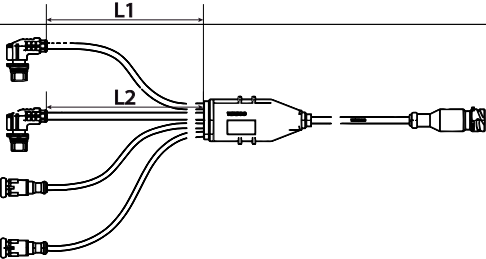
	Part Number	L [m]	Cable ends type	
	449 816 013 0	1.3	Code B 4-pin	6x sensor plug 3-pin
	449 816 030 0	3		

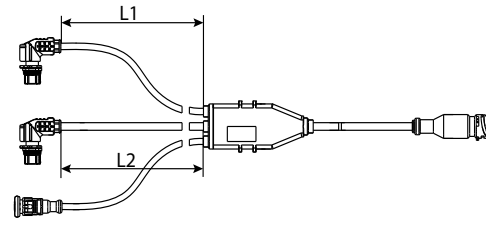
for warning lamp 446 105 523 2

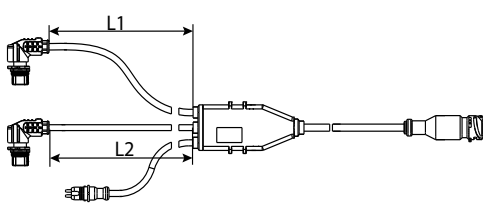
	Part Number	L [m]	Cable ends type	
	449 900 100 0	10	open 2-strand 2 x 0.5 mm <sup>2</sup>	Tyco AMP® 2-pin

## GIO and IN/OUT

for 24 N, traction help or forced lowering					
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 358 033 0	6	0.4	Code C 4-pin	Bayonet plug ISO 15170-B1-3.1- Sn/K1 4-pin
	449 358 035 0*	8	0.4	+ Code B 4-pin	
	449 358 253 0*	8	5	+ sensor socket 2-pin	
				+ sensor plug 2-pin	

for 24 N, traction help or forced lowering					
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 359 023 0	1	0.4	Code C 4-pin	Bayonet plug ISO 15170-B1-3.1- Sn/K1 4-pin
			+ Code B 4-pin		
				+ 2x sensor plug 2-pin	

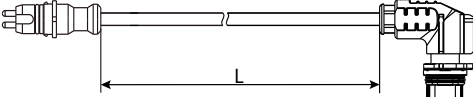
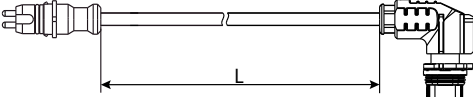
for 24 N, traction help or forced lowering					
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 356 023 0	1	0.4	Code C 4-pin	Bayonet plug ISO 15170-B1-4.1- Sn/K1 4-pin
			+ Code B 4-pin		
				+ sensor plug 2-pin	

for 24 N or traction help					
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 357 023 0*	1	0.4	Code C 4-pin	Bayonet plug ISO 15170-B1-4.1- Sn/K1 4-pin
				+ Code B 4-pin	
449 357 253 0	6	6	+ sensor plug 2-pin		

## ABS-c, ABS-d, ABS-e, ABS-f

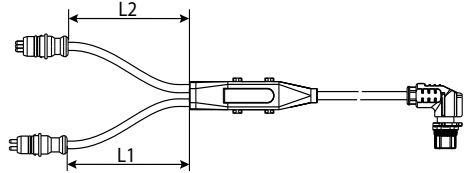
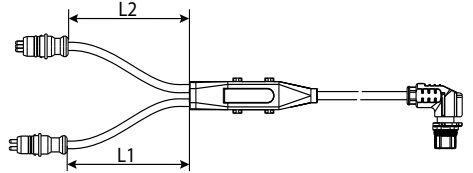
A

### for ABS sensors

	Part Number	L [m]	Cable ends type	
		449 723 003 0	0.3	Sensor plug 2-pin
	449 723 018 0	1.8		
	449 723 023 0	2.3		
	449 723 030 0	3		
	449 723 040 0	4		
	449 723 050 0	5		
	449 723 060 0	6		
	449 723 080 0	8		
	449 723 100 0	10		
	449 723 150 0	15		

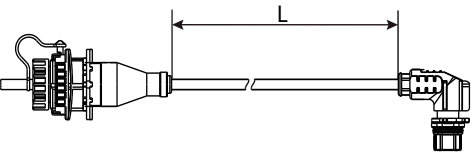
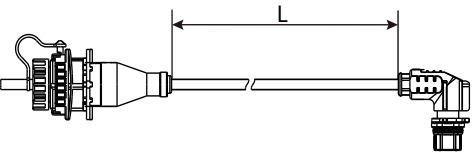
## GIO and ABS

### for ABS sensor and GIO 6/7

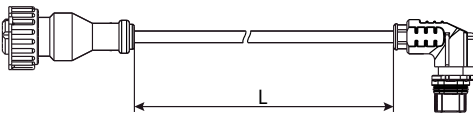
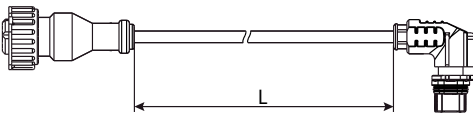
	Part Number	L1 [m]	L2 [m]	Cable ends type	
		449 818 022 0	0.4	0.4	Sensor plug 2-pin + sensor plug 3-pin

## GIO 5 (for Premium only)

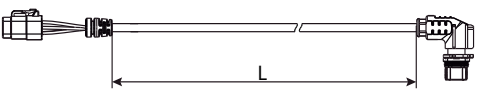
### for diagnosis (note: only with diagnosis cable 446 300 348 0)

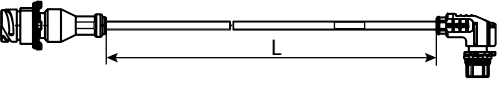
	Part Number	L [m]	Cable ends type	
		449 611 030 0	3	Diagnosis socket with yellow cap 7-pin
	449 611 040 0	4		
	449 611 060 0	6		
	449 611 080 0	8		

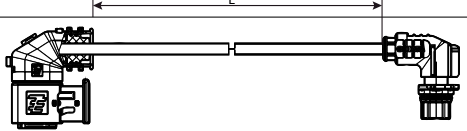
### for Telematics

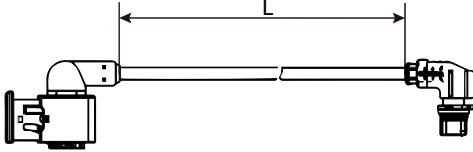
	Part Number	L [m]	Cable ends type	
		449 915 010 0	1	Bayonet socket ISO 15170-B1-4.1-Sn/K1 4-pin
	449 915 120 0	12		
	449 915 170 0	17		

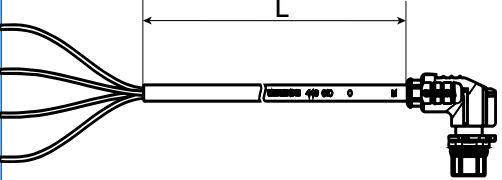


for Telematics				
	Part Number	L [m]	Cable ends type	
	449 918 010 0	1	Socket DEUTSCH® 6-pin	Code B 4-pin
	449 918 025 0	2.5		
	449 918 050 0	5		

for Telematics				
	Part Number	L [m]	Cable ends type	
	449 932 030 0*	3	Bayonet plug 7-pin	Code B 4-pin
	449 932 035 0	3.5		

for OptiTire™ and OptiLink™				
	Part Number	L [m]	Cable ends type	
	449 927 050 0	5	Socket HDSCS 8-pin	Code B 4-pin
	449 927 120 0	12		

for TX-TRAILERGUARD™			
	Part Number	L [m]	Cable ends type
	449 030 000 0	5	Socket HDSCS 6-pin

for Telematics				
	Part Number	L [m]	Cable ends type	
	449 610 060 0	6	open 4-strand 4 x 0.5 mm <sup>2</sup>	Code B 4-pin
	449 610 090 0	9		

## 7 Electronic extension module

B

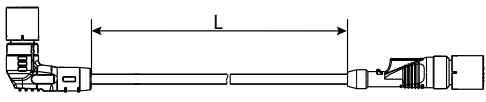


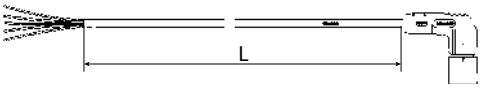
Function	446 122 071 0	446 122 070 0
Compatible with TEBS E Premium (from Version E2) and Standard (from Version E5)	✓	✓
TailGUARD™ function incl. buzzer and deactivation button	✓	✓
Supports applications with 2 to 6 sensors	✓	✓
Connection of side marking lights and reversing lamp (for activating TailGUARD™) ISO 12098	✓	✓
TailGUARD™ for Truck & Bus	X	✓
GIO extension	X	✓
Battery charge and battery operation with wake-up button	X	✓
Trailer Remote Control	X	✓
ECAS™ 2-point control	X	✓

# Electronic extension module

B

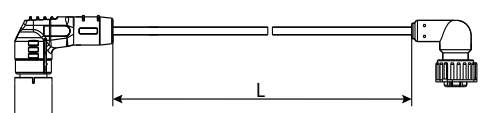
## Supply cable

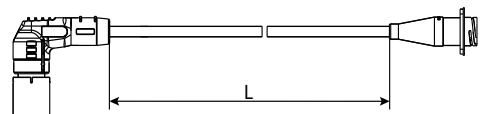
for supply				
	Part Number	L [m]	Cable ends type	
	449 303 020 0	2	Code E 8-pin	Code C 8-pin
	449 303 025 0	2.5		
	449 303 050 0	5		
	449 303 100 0	10		

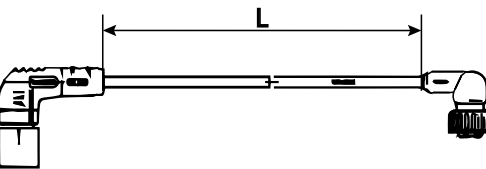
for supply				
	Part Number	L [m]	Cable ends type	
	449 305 100 0	10*	open 5-strand 2 x 1.0 mm <sup>2</sup> 1 x 0.5 mm <sup>2</sup> 2 x 0.35 mm <sup>2</sup>	Code E 8-pin

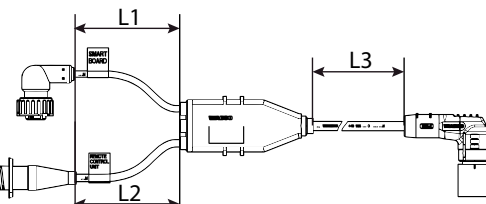
\*other sizes on request

## Subsystems

for SmartBoard				
	Part Number	L [m]	Cable ends type	
	449 906 060 0	6	Code C 8-pin	Bayonet socket 7-pin

for remote control unit				
	Part Number	L [m]	Cable ends type	
	449 602 060 0	6	Code C 8-pin	Socket Remote control unit

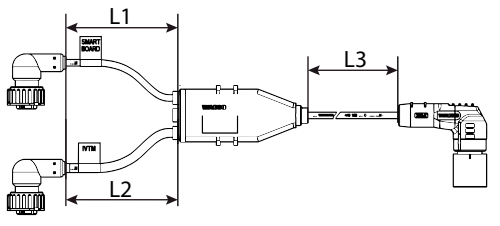
for control box				
	Part Number	L [m]	Cable ends type	
	449 603 060 0	6	Code C 8-pin	Bayonet socket 7-pin

for SmartBoard and remote control unit						
	Part Number	L1 [m]	L2 [m]	L3 [m]	Cable ends type	
	449 926 234 0	5	7	1	Bayonet socket 7-pin + remote control unit socket	Code C 8-pin

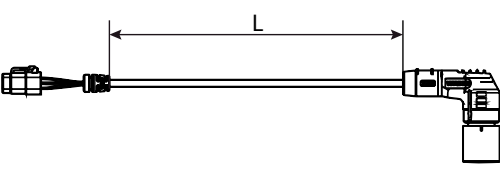
# Electronic extension module

B

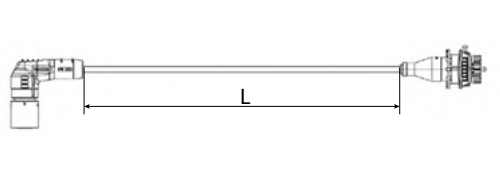
## for SmartBoard and OptiTire™ / IVTM

	Part Number	L1 [m]	L2 [m]	L3 [m]	Cable ends type	
	449 925 253 0	6	6	0.4	2x bayonet socket 7-pin	Code C 8-pin

## for Telematics

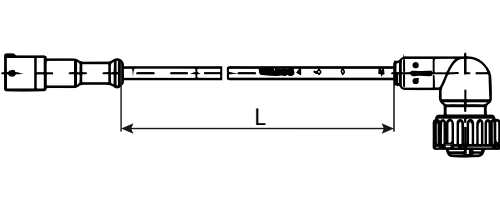
	Part Number	L [m]	Cable ends type	
	449 907 010 0	1	Socket DEUTSCH® 6-pin	Code C 8-pin

## for diagnosis (TailGUARD™ Truck & Bus)

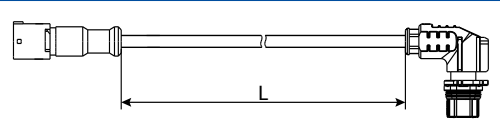
	Part Number	L [m]	Cable ends type	
	449 605 020 0	2	Diagnosis socket with yellow cap 7-pin	Code C 8-pin

## GIO

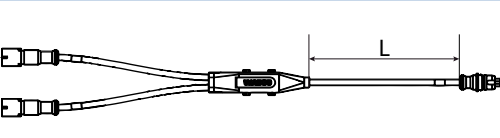
### for battery box

	Part Number	L [m]	Cable ends type	
	449 807 050 0	5	Sensor socket 2-pin	Bayonet socket ISO 15170-B1-2.1- Sn/K1 4-pin

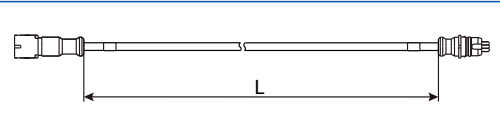
### for LIN ultrasonic sensor

	Part Number	L [m]	Cable ends type	
	449 806 060 0	6	Sensor socket 3-pin	Code B 4-pin

### LIN splitter cable

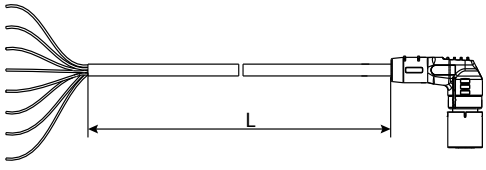
	Part Number	L [m]	Cable ends type	
	894 600 024 0	0.5	2x sensor socket 3-pin	Sensor plug 3-pin

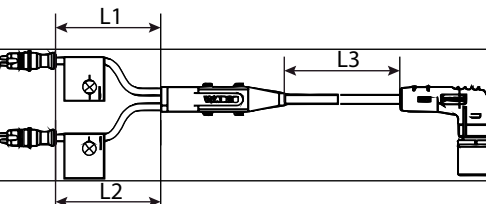
### LIN extension cable

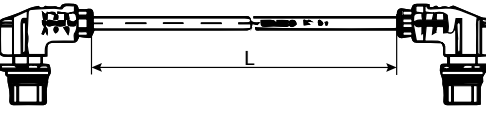
	Part Number	L [m]	Cable ends type	
	449 747 060 0	6	Sensor socket 3-pin	Sensor plug 3-pin

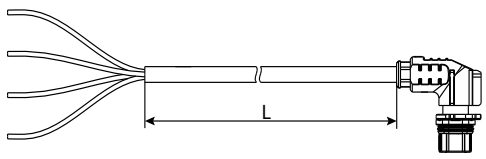
# Electronic extension module

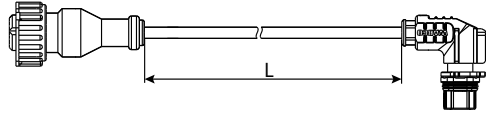
B

Universal cable			
	Part Number	L [m]	Cable ends type
		449 908 060 0	6
	449 908 100 0	10	

Distribution cable for battery and/or light					
	Part Number	L1 [m]	L2 [m]	L3 [m]	Cable ends type
		449 803 022 0	0.4	0.4	5

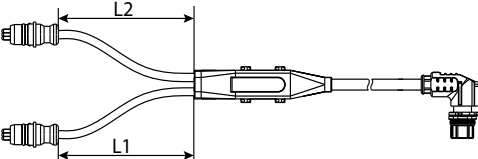
Battery cable for TEBS E2 to TEBS E3			
	Part Number	L [m]	Cable ends type
		449 808 020 0	2

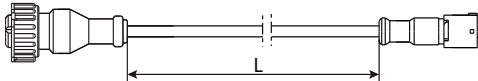
Universal cable			
	Part Number	L [m]	Cable ends type
	449 535 010 0	1	open 4-strand 4 x 1.5 mm <sup>2</sup>
	449 535 060 0	6	
	449 535 100 0	10	
	449 535 150 0	15	
		Code B 4-pin	

for buzzer 894 450 000 0 or solenoid valve			
	Part Number	L [m]	Cable ends type
	449 443 008 0	0.8	Bayonet socket ISO 15170-B1-2.1-Sn/K1 4-pin
	449 443 010 0	1	
	449 443 020 0	2	
	449 443 040 0	4	
	449 443 060 0	6	
	449 443 100 0	10	
		Code B 4-pin	


# Electronic extension module

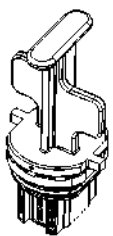
B


Y distributor					
	Part Number	L1 [m]	L2 [m]	Cable ends type	
		449 629 022 0	0.4	0.4	2x sensor plug 3-pin

for solenoid valve or pressure sensor					
	Part Number	L [m]	Cable ends type		
	449 752 010 0	1	Bayonet socket ISO 72585-B1-3.1-Sn/K1 4-pin	Sensor socket 3-pin	
	449 752 020 0	2			
	449 752 030 0	3			
	449 752 080 0	8			
	449 752 100 0	10			

## TEBS E accessories and electronic extension module

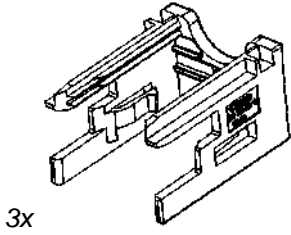
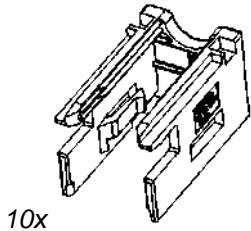
Enclosure cover for electronic extension module	
	Part Number
	895 310 005 2

Protective cap GIO	
	Part Number
	898 020 462 2

Protective cap subsystem	
	Part Number
	898 020 463 2

# Electronic extension module

## Locking set



Part Number

480 102 931 2

B

## 8 TEBS D



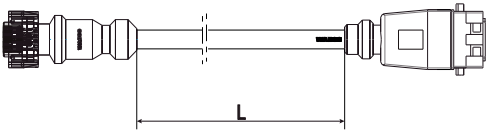
C

Function	480 102 010 0 Standard	480 102 014 0 Premium	480 102 015 0 with Trailer Central Electronic
ABS system	max. 4S/2M	max. 4S/3M	max. 4S/3M
CAN bus 24 V (ISO 7638)	✓	✓	X
CAN bus 5 V	X	X	✓
Stop light power supply	✓	✓	X
Switching output 1 / 2	✓	✓	X
Traction help	✓	✓	X
Wear indicator	✓	✓	X
Second CAN bus (OptiTire™, etc.)	X	✓	X
Battery charge for ECAS™	X	✓	X
RSS	X	✓	✓
Input "external brake pressure sensor"	X	✓	✓
Input "external axle load sensor"	✓	✓	✓

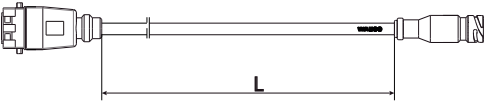


## Supply cable


### Supply cable with separating point (in combination with 449 133 XXX 0 or 449 233 XXX 0)

	Part Number	L [m]	Cable ends type	
	449 333 003 0	0.3	Coupling socket 7-pin	X1 power 7-pin
	449 333 025 0	2.5		
	449 333 055 0	5.5		
	449 333 120 0	12		

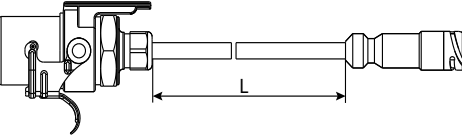
### Supply cable with separating point (in combination with 449 135 XXX 0)

	Part Number	L [m]	Cable ends type	
	449 335 110 0	11	X1 power 7-pin	Coupling connector 7-pin
	449 335 140 0*	14		
	449 335 180 0	18		


### for semitrailers with separating point

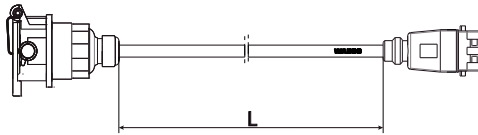
	Part Number	L [m]	Cable ends type	
	449 133 003 0	0.3	Socket ISO 7638 7-pin	Coupling connector 7-pin
	449 133 030 0	3		
	449 133 060 0	6		
	449 133 120 0	12		
	449 133 150 0	15		

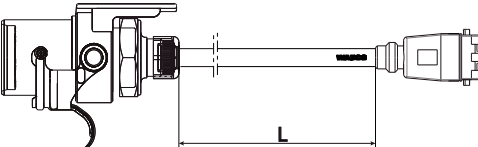
### for drawbar trailers with separating point

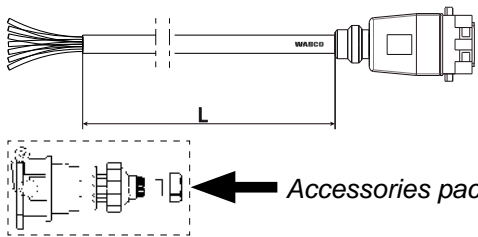
	Part Number	L [m]	Cable ends type	
	449 233 030 0	3	Socket ISO 7638 7-pin	Coupling connector 7-pin
	449 233 100 0	10		
	449 233 140 0	14		
	449 233 180 0	18		

### for semitrailers with separating point

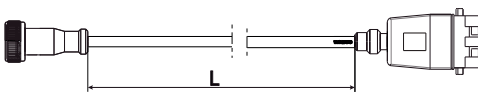
	Part Number	L [m]	Cable ends type	
	449 135 005 0	0.5	Socket ISO 7638 7-pin	Coupling socket 7-pin
	449 135 025 0	2.5		
	449 135 060 0	6		
	449 135 140 0	14		

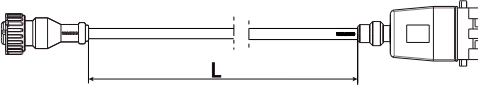
for semitrailers				
	Part Number	L [m]	Cable ends type	
	449 172 040 0	4	Socket ISO 7638 7-pin	X1 power 7-pin
	449 172 090 0	9		
	449 172 100 0	10		
	449 172 120 0	12		
	449 172 130 0	13		
	449 172 150 0	15		

for drawbar trailers				
	Part Number	L [m]	Cable ends type	
	449 272 060 0	6	Connector ISO 7638 7-pin	X1 power 7-pin
	449 272 090 0	9		
	449 272 100 0	10		
	449 272 120 0	12		
	449 272 150 0	15		

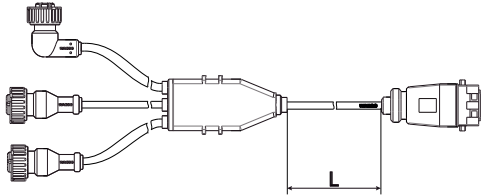
with open end				
	Part Number	L [m]	Cable ends type	
	449 373 090 0	9	open 7-strand 5 x 1.5 mm <sup>2</sup> 2 x 4.0 mm <sup>2</sup> Equipment pack with ISO 7638 socket	X1 power 7-pin
	449 373 120 0	12		
	449 373 180 0	18		

## Solenoid valve cable

for ABS relay valve				
	Part Number	L [m]	Cable ends type	
	449 426 020 0*	2	Kostal M24 x 1 3-pin	X4 modulator 8-pin
	449 426 030 0	3		

for ABS relay valve				
	Part Number	L [m]	Cable ends type	
	449 427 020 0*	2	Bayonet socket ISO 72585-B1-3.1-Sn/K1 4-pin	X4 modulator 8-pin
	449 427 030 0	3		

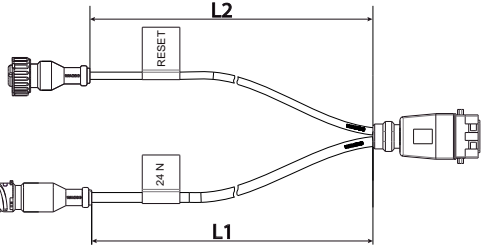
## for EBS relay valve

	Part Number	L [m]	Cable ends type	
	449 372 010 0	1	2x bajonet socket ISO 15170-B1-3.1-Sn/K1 1x bajonet socket ISO 15170-B1-2.1-Sn/K1 4-pin	X4 modulator 8-pin
	449 372 030 0	3		
	449 372 060 0	6		
	449 372 080 0	8		
	449 372 120 0	12		
	449 372 130 0	13		

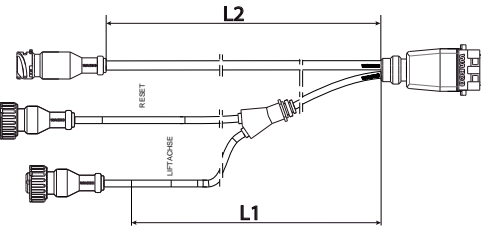
C

## TASC™ valve cable (Trailer Air Suspension Control)

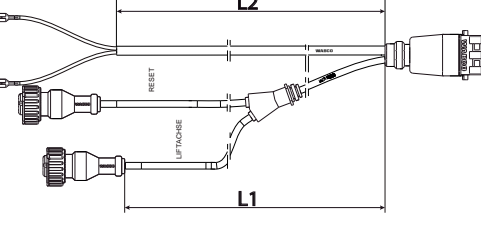
### for TASC™ valve and 24 N

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 341 183 0	4	1		Bayonet socket DIN 72585-B1-2.1-Sn/K1 4-pin + bayonet plug DIN 72585-B1-2.1-Sn/K1

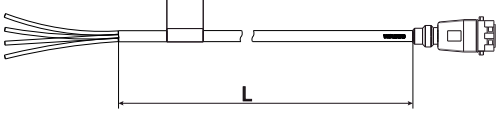
### for TASC™ valve, lifting axle and 24 N

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 343 044 0	1	1.35		Bayonet plug DIN 72585-A1-2.1-Sn/K1 4-pin 2x bayonet socket DIN 72585-B1-2.1-Sn/K1 4-pin

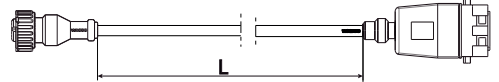
### for TASC™ valve, lifting axle and 24 N

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 346 286 0*	2	8	open, 2-strand with push-on contacts 2 x 2.5 mm <sup>2</sup> + 2x bayonet socket DIN 72585-B1-2.1-Sn/K1 4-pin	X2 diagnosis 8-pin
	449 346 295 0*	8	8		
	449 346 353 0	6	15		

## for TASC™ valve, lifting axle and 24 N

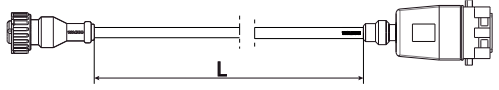
	Part Number	L [m]	Cable ends type	
	449 383 060 0	6	open 4-strand 2 x 2.5 mm <sup>2</sup> 2 x 0.5 mm <sup>2</sup>	X2 diagnosis 8-pin
449 383 090 0	9			

## for TASC™ valve, lifting axle and 24 N

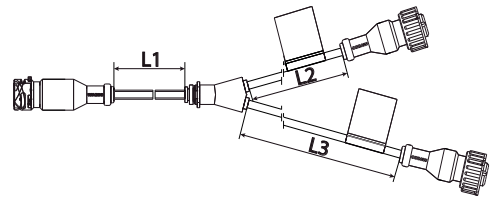
	Part Number	L [m]	Cable ends type	
	449 435 030 0	3	DIN bayonet 4-pin	X2 diagnosis 8-pin

## Trailer brake valve

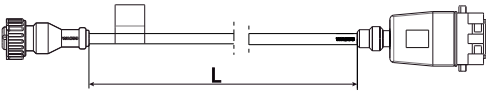
### for trailer brake valve 971 002 802 0

	Part Number	L [m]	Cable ends type		
	449 472 030 0	3	Bayonet socket ISO 72585-B2-4.1-Sn/K1 4-pin	X3 IN / OUT 2 8-pin	
	449 472 035 0*	3.5			
	449 472 050 0*	5			
	449 472 080 0	8			
	449 472 120 0*	12			
	449 472 130 0*	13			
	449 472 145 0	14.5			
	449 472 190 0	19			

### Adapter cable for pressure sensor 441 044 102 0 and pressure switch 441 014 602 0

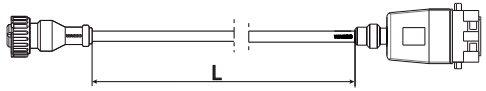
	Part Number	L1 [m]	L2 [m]	L3 [m]	Cable ends type	
	894 601 138 2	0.1	0.3	0.6	Bayonet plug ISO 72585-B2-4.1-Sn/K1 4-pin	Bayonet socket DIN 72585-A1-2.1-Sn/K1 4-pin + bayonet socket DIN 72585-B1-2.1-Sn/K1 4-pin

## for trailer brake valve 971 002 301 0 (for connecting pressure sensor)


	Part Number	L [m]	Cable ends type	
	449 473 010 0	1	Bayonet socket ISO 72585-B1-4.1-Sn/ K1 4-pin	X3 IN / OUT 2 8-pin
	449 473 030 0	3		
	449 473 050 0*	5		
	449 473 080 0	8		
	449 473 120 0	12		
	449 473 130 0	13		
	449 473 145 0	14.5		
	449 473 200 0*	20		
	449 473 260 0	26		
449 473 320 0	32			

C

## for Telematics

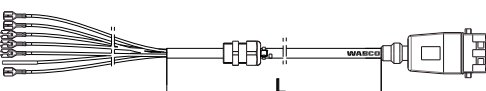
	Part Number	L [m]	Cable ends type	
	449 476 010 0	1	Bayonet socket ISO 72585-B1-4.1-Sn/K1 4-pin	X3 IN / OUT 2 8-pin
	449 476 180 0	18		

## for Telematics

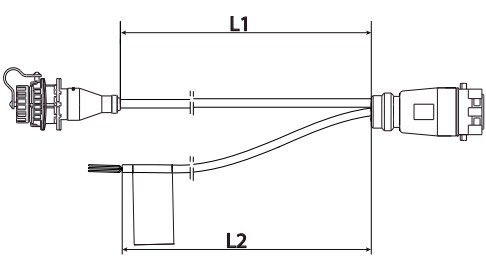
	Part Number	L [m]	Cable ends type	
	449 910 050 0	5	Socket DEUTSCH® 6-pin	X3 IN / OUT 2 8-pin

## X2 diagnosis

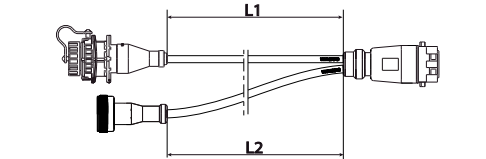
### for ECAS™ electronics 446 055 066 0

	Part Number	L [m]	Cable ends type	
	449 382 010 0*	1	open 7-strand with 6 push-on contacts and PG screw connection 3 x 1.5 mm <sup>2</sup> 4 x 0.5 mm <sup>2</sup>	X2 diagnosis 8-pin
	449 382 015 0*	1.5		
	449 382 060 0	6		
	449 382 080 0*	8		
	449 382 090 0*	9		

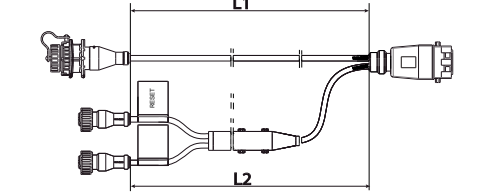
**for Diagnosis and ISS or ILS**

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 614 148 0	3	3	Diagnosis socket with blue cap 7-pin + open 3-strand 3 x 0.75 mm <sup>2</sup>	X2 diagnosis 8-pin
	449 614 153 0	6	3		
	449 614 253 0	6	6		
	449 614 268 0	3	7		
	449 614 295 0	8	8		

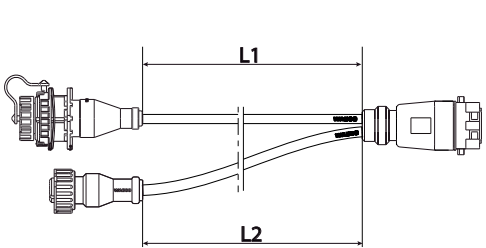
**for diagnosis and lifting axle control valve**

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 624 113 0	6	2	Diagnosis socket with blue cap 7-pin + Kostal M27x1 2-pin	X2 diagnosis 8-pin

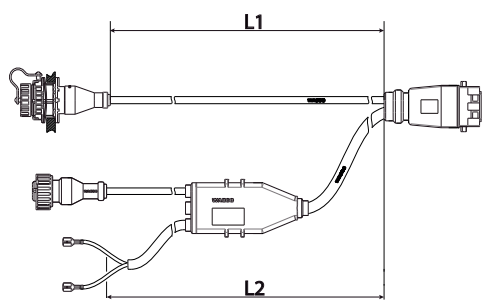
**for diagnosis, lifting axle valve and TASC™ valve**

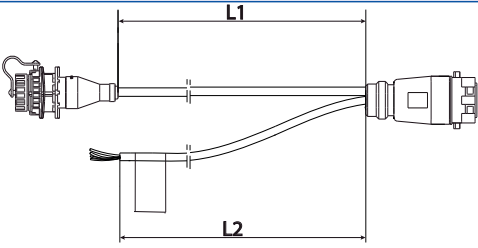
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 663 243 0	6	1	Diagnosis socket with blue cap 7-pin + 2x bayonet socket ISO 15170-B1-2.1-Sn/K1 4-pin	X2 diagnosis 8-pin
	449 663 249 0	6	3.5		
	449 663 303 0	10	1		

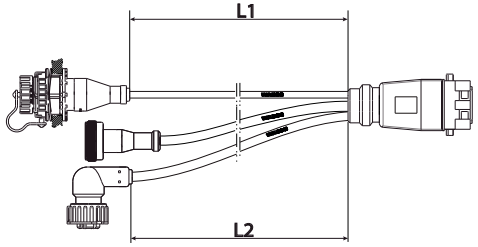
**for diagnosis and single-circuit lifting axle valve**

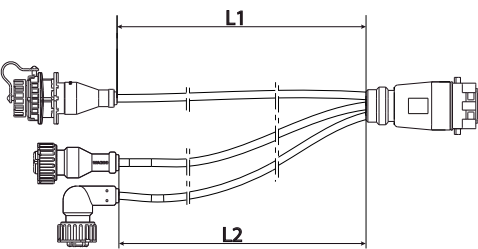
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 664 050 0	4	1	Diagnosis socket with blue cap 7-pin + bayonet socket ISO 72585-B1-3.1-Sn/K1 4-pin	X2 diagnosis 8-pin
	449 664 131 0	4.5	2.5		
	449 664 190 0	4	4		
	449 664 253 0	6	6		
	449 664 316 0	10	10		

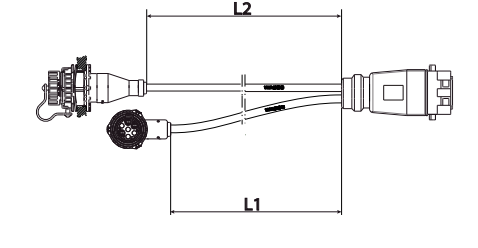
**for diagnosis, lifting axle valve and 24 N**

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 665 113 0*	6	2	Diagnosis socket with blue cap 7-pin + bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin, + open 2-strand 2 x 2.5 mm <sup>2</sup>	X2 diagnosis 8-pin
449 665 253 0	6	6			

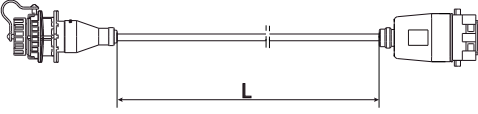
for diagnosis and 24 N					
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 684 153 0	6	3	Diagnosis socket with blue cap 7-pin + open 4-strand 2 x 2.5 mm <sup>2</sup> 2 x 0.5 mm <sup>2</sup>	X2 diagnosis 8-pin
	449 684 193 0	6	4		
	449 684 313 0	6	10		
449 684 333 0	6	12			

for electronic air suspension module, diagnosis and lifting axle valve					
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 334 113 0	6	2	Diagnosis socket with blue cap 7-pin + Kostal M27x1 2-pin + bayonet socket 7-pin	X2 diagnosis 8-pin

for electronic air suspension module, diagnosis and lifting axle valve					
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 554 113 0	6	2	Diagnosis socket with blue cap 7-pin + bayonet socket ISO 15170-B1-2.1-Sn/K1 4-pin + bayonet socket 7-pin	X2 diagnosis 8-pin

for electronic air suspension module and diagnosis					
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 344 246 0	6	2	Diagnosis socket with blue cap 7-pin + bayonet socket 7-pin	X2 diagnosis 8-pin
449 344 253 0	6	6			

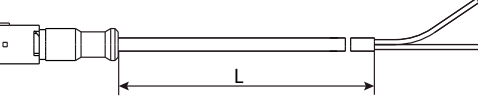
## for diagnosis

	Part Number	L [m]	Cable ends type	
	449 672 030 0	3	Diagnosis socket with blue cap 7-pin	X2 diagnosis 8-pin
	449 672 040 0	4		
	449 672 050 0	5		
	449 672 060 0	6		
	449 672 080 0	8		
	449 672 090 0	9		

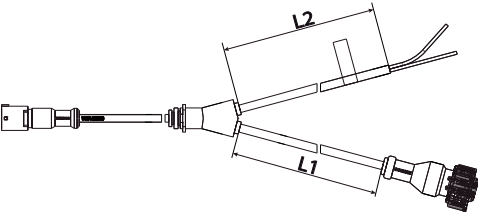
C

## Traction help

### for traction help or manoeuvring assistance

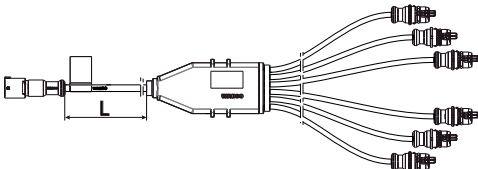
	Part Number	L [m]	Cable ends type	
	449 762 020 0	2	Sensor socket 3-pin	open 2-strand 2 x 0.75 mm <sup>2</sup>
	449 762 080 0	8		
	449 762 150 0	15		

### Cable for traction help button and solenoid valve (residual pressure maintenance = traction help type TH+)

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 764 348 0	3	15	Sensor socket 3-pin	open 2-strand 2 x 0.75 mm <sup>2</sup> + bayonet socket DIN 72585-B1-2.1-Sn/ K1 pin

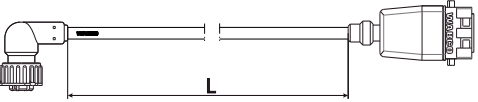
## Brake lining wear

### for wear indicator

	Part Number	L [m]	Cable ends type	
	449 834 013 0	1.3	Sensor socket 3-pin	6x sensor plug 3-pin

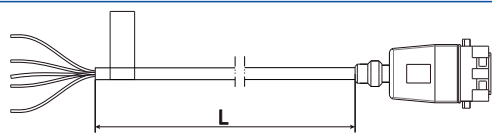
## IVTM

### for IVTM

	Part Number	L [m]	Cable ends type	
	449 377 030 0	3	Bayonet socket 7-pin	X3 IN / OUT 2 8-pin
	449 377 080 0	8		



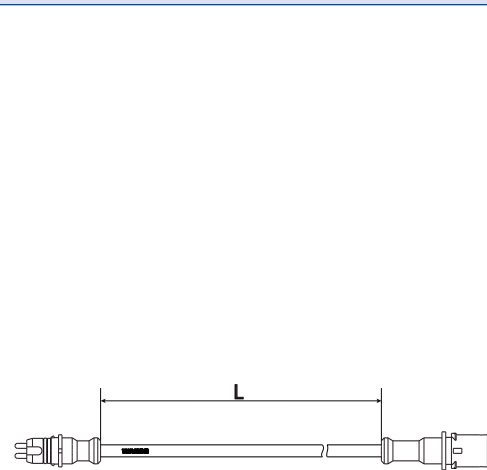
## for IVTM



Part Number	L [m]	Cable ends type	
449 378 030 0	3	open 5-strand 5 x 0.5 mm <sup>2</sup>	X3 IN / OUT 2 8-pin

## X7...X10 ABS sensor

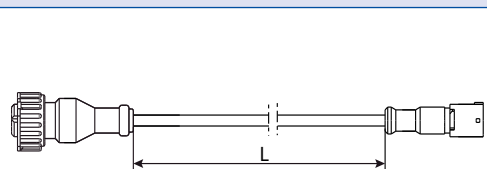
### Extension cable (replacement for 894 590 XXX 2)



Part Number	L [m]	Cable ends type	
449 712 008 0	0.8	Sensor plug 2-pin	Sensor socket 2-pin
449 712 012 0	1.2		
449 712 018 0	1.8		
449 712 023 0	2.3		
449 712 030 0	3		
449 712 035 0	3.5		
449 712 038 0	3.8		
449 712 040 0	4		
449 712 051 0	5.1		
449 712 060 0	6		
449 712 064 0	6.4		
449 712 070 0	7		
449 712 080 0	8		
449 712 090 0	9		
449 712 100 0	10		
449 712 120 0	12		
449 712 130 0	13		
449 712 150 0	15		
449 712 200 0*	20		

## X5 IN / OUT 1

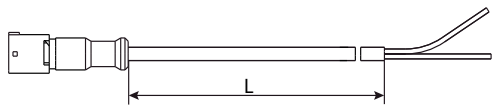
### for pressure sensor, lifting axle or height sensor



Part Number	L [m]	Cable ends type	
449 752 010 0	1	Bayonet socket ISO 72585-B1-3.1-Sn/K1 4-pin	Sensor socket 3-pin
449 752 020 0	2		
449 752 030 0	3		
449 752 080 0	8		
449 752 100 0	10		

# TEBS D

for traction help or manoeuvring assistance

	Part Number	L [m]	Cable ends type	
	449 762 020 0	2	Sensor socket 3-pin	open 2-strand 2 x 0.75 mm <sup>2</sup>
	449 762 080 0	8		
	449 762 150 0	15		

## C

### Accessories TEBS D

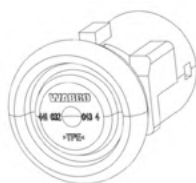
Protective cap for plug connection X1...X4 (with ring seal)



Part Number

894 110 139 2

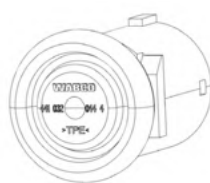
Protective cap for sensor connection X7...X10 (2-pin)



Part Number

441 032 043 4

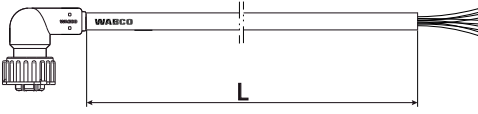
Protective cap for sensor connection X5...X6 (3-pin)




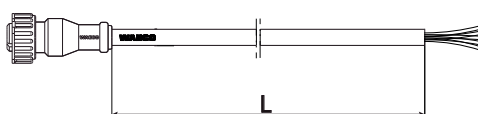
Part Number

441 032 044 4

## 9 EBS on towing vehicle

for EBS brake signal transmitter				
	Part Number	L [m]	Cable ends type	
	449 722 050 0	5	Bayonet socket ISO 72858-B1-4.1-Sn/K1 4-pin	open 4-strand 4 x 0.5 mm <sup>2</sup>
	449 722 100 0	10		
	449 722 150 0	15		

Supply and data cable (4-strand)				
	Part Number	L [m]	Cable ends type	
	449 362 100 0	10	Bayonet socket ISO 15170-B1-4.1-Sn/K1 4-pin	open 4-strand 2 x 2.5 mm <sup>2</sup> 2 x 0.56 mm <sup>2</sup>
	449 362 140 0	14		
	449 362 200 0	20		

Data cable (5-strand)			
	Part Number	L [m]	Cable ends type
	449 363 100 0	10	Bayonet socket 7-pin

D

## 10 CAN router / CAN repeater



CAN router



CAN repeater

E


Type Trailer	Trailer EBS	Variant CAN router / CAN repeater	Connection external pressure sensor	Connection to CAN router / CAN repeater
EuroCombi or Roadtrain	TEBS E1 TEBS E0 TEBS D	CAN router 446 122 050 0 446 122 052 0	X	1st trailer to connection "Power OUT1" 2nd trailer to connection "Power OUT2"
Trailer vehicle with 2x TEBS (e.g. flat bed trailer)	TEBS E1	CAN router 446 122 054 0	to CAN router	rear TEBS modulator to connection "Power OUT1", front TEBS modulator to connection "Power OUT2"
	TEBS E0 TEBS D	CAN router 446 122 054 0	to TEBS modulator	
Over-length trailer vehicle (e.g. log transporters)	TEBS E1	CAN repeater 446 122 051 0 446 122 053 0	to CAN repeater	TEBS modulator to connection "Power OUT1"
	TEBS E0 TEBS D	CAN repeater 446 122 051 0 446 122 053 0	to TEBS modulator	

Part Number	Cable family
449 133 XXX 0 / 449 135 XXX 0	for semitrailers
449 231 XXX 0 / 449 233 XXX 0	for drawbar trailers
449 347 XXX 0	for TEBS E
449 333 XXX 0	for TEBS D
449 173 XXX 0	for semitrailers with TEBS E
449 273 XXX 0	for drawbar trailers with TEBS E
449 172 XXX 0	for semitrailers with TEBS D
449 272 XXX 0	for drawbar trailers with TEBS D


# CAN router / CAN repeater

## Supply cable

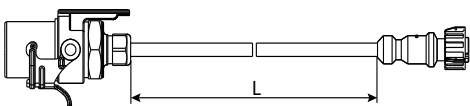
### for semitrailers with separating point

	Part Number	L [m]	Cable ends type	
	449 133 003 0	0.3	Socket ISO 7638 7-pin	Coupling connector 7-pin
	449 133 030 0	3		
	449 133 060 0	6		
	449 133 120 0	12		
	449 133 150 0	15		


### for semitrailers with separating point

	Part Number	L [m]	Cable ends type	
	449 135 005 0	0.5	Socket ISO 7638 7-pin	Coupling socket 7-pin
	449 135 025 0	2.5		
	449 135 060 0	6		
	449 135 140 0	14		

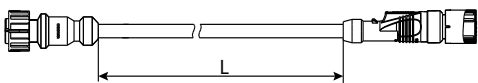
### for drawbar trailers with separating point

	Part Number	L [m]	Cable ends type	
	449 231 060 0	6	Connector ISO 7638 7-pin	Coupling socket 7-pin
	449 231 120 0	12		

### for drawbar trailers with separating point

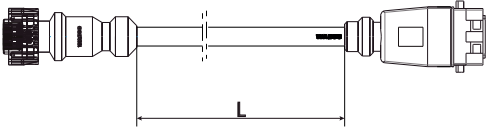
	Part Number	L [m]	Cable ends type	
	449 233 030 0	3	Connector ISO 7638 7-pin	Coupling connector 7-pin
	449 233 100 0	10		
	449 233 140 0	14		
	449 233 180 0	18		

### with separating point

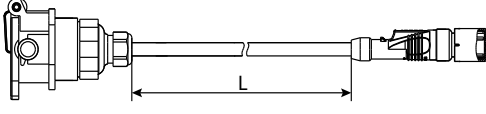
	Part Number	L [m]	Cable ends type	
	449 347 003 0	0.3	Coupling socket 7-pin	Code A 8-pin
	449 347 025 0	2.5		
	449 347 080 0	8		
	449 347 120 0	12		
	449 347 180 0	18		

# CAN router / CAN repeater

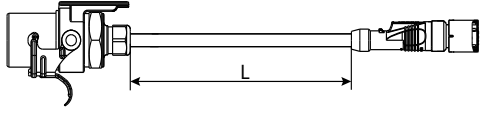
## Supply cable with separating point (in combination with 449 133 XXX 0 or 449 233 XXX 0)

	Part Number	L [m]	Cable ends type	
	449 333 003 0	0.3	Coupling socket 7-pin	X1 power 7-pin
	449 333 025 0	2.5		
	449 333 055 0	5.5		
	449 333 120 0	12		

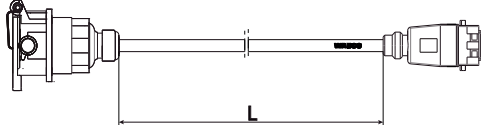
## for semitrailers

	Part Number	L [m]	Cable ends type	
	449 173 090 0	9	Socket ISO 7638 7-pin	Code A 8-pin
	449 173 100 0	10		
	449 173 120 0	12		
	449 173 130 0	13		
	449 173 140 0	14		
	449 173 150 0	15		
	449 173 160 0	16		

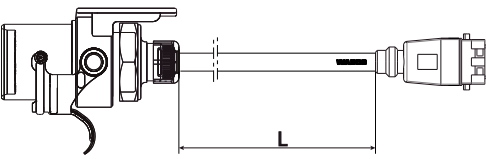
## for drawbar trailers

	Part Number	L [m]	Cable ends type	
	449 273 060 0	6	Connector ISO 7638 7-pin	Code A 8-pin
	449 273 100 0	10		
	449 273 120 0	12		
	449 273 150 0	15		

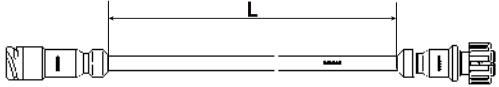
## for semitrailers

	Part Number	L [m]	Cable ends type	
	449 172 040 0	4	Socket ISO 7638 7-pin	X1 power 7-pin
	449 172 090 0	9		
	449 172 100 0	10		
	449 172 120 0	12		
	449 172 130 0	13		
	449 172 150 0	15		

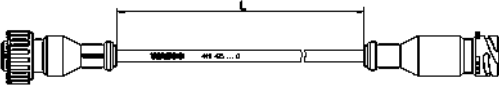
## for drawbar trailers

	Part Number	L [m]	Cable ends type	
	449 272 060 0	6	Connector ISO 7638 7-pin	X1 power 7-pin
	449 272 090 0	9		
	449 272 100 0	10		
	449 272 120 0	12		
	449 272 150 0	15		

# CAN router / CAN repeater



Power extension cable				
	Part Number	L [m]	Cable ends type	
	894 600 049 0	20	<i>Coupling connector 7-pin</i>	<i>Coupling socket 7-pin</i>
	894 600 051 0	30		
	894 600 032 0	40		
	894 600 033 0	50		
	894 600 034 0	60		

## Sensor cable

for pressure sensor				
	Part Number	L [m]	Cable ends type	
	449 425 030 0	3	<i>Coupling socket 7-pin</i>	<i>Coupling connector 7-pin</i>
	449 425 060 0	6		

E

# 11 VCS II

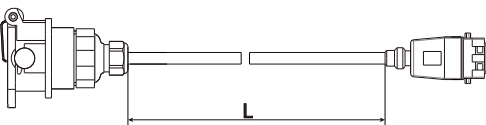
				
446 108 085 0	400 500 070 0	400 500 081 0	400 500 082 0	400 500 083 0
Separate ECU 4S/3M	STANDARD 2S/2M	PREMIUM 4S/2M (3M)	PREMIUM 4S/2M (3M) painted	PREMIUM 4S/2M (3M) 12V

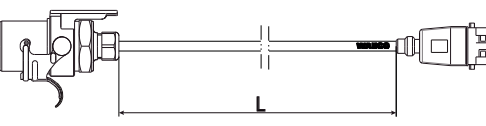
F

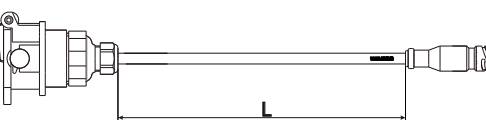
Functions	446 108 085 0	400 500 070 0	400 500 081 0	400 500 082 0	400 500 083 0
External ABS-RV	✓	X	✓	✓	✓
ABS-MRV	✓	X	X	X	X
GIO D1 / D2 / A1	✓ / X / X	✓ / ✓ / X	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
ISO 11992-Interface (CAN)	✓	X	✓	✓	X
ECAS™- / electronic air suspension module interface	X	✓	✓	✓	✓

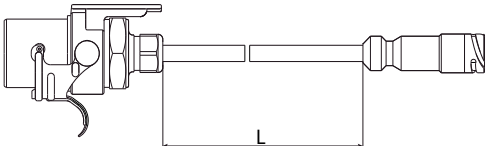


**5-wire power supply cable**

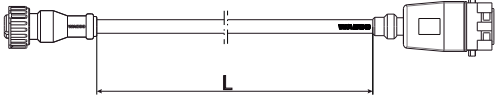
for semitrailers				
	Part Number	L [m]	Cable ends type	
	449 125 060 0	6	Socket ISO 7638 7-pin	X1 power 8-pin
	449 125 100 0	10		
	449 125 120 0	12		
	449 125 140 0	14		
	449 125 180 0	18		

for semitrailers				
	Part Number	L [m]	Cable ends type	
	449 225 060 0	6	Connector ISO 7638 7-pin	X1 power 8-pin
	449 225 100 0	10		
	449 225 120 0	12		
	449 225 140 0	14		

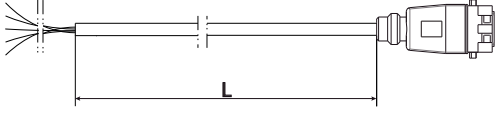
for semitrailers with separating point (in combination with 449 375 XXX 0 or 449 374 XXX 0)				
	Part Number	L [m]	Cable ends type	
	449 132 005 0	0.5	Socket ISO 7638 7-pin	Coupling connector 5-pin
	449 132 035 0*	3.5		
	449 132 060 0	6		
	449 132 080 0	8		
	449 132 090 0*	9		
	449 132 100 0	10		
	449 132 120 0	12		
	449 132 140 0*	14		
	449 132 150 0	15		

for drawbar trailers with separating point (in combination with 449 375 XXX 0 or 449 374 XXX 0)				
	Part Number	L [m]	Cable ends type	
	449 242 080 0*	8	Connector ISO 7638 7-pin	Coupling connector 5-pin
	449 242 100 0	10		
	449 242 120 0*	12		

## Supply cable with separating point (in combination with 449 132 XXX 0 or 449 242 XXX 0)

	Part Number	L [m]	Cable ends type	
	449 375 003 0	0.3	Coupling socket 7-pin	X1 power 8-pin
	449 375 030 0	3		
	449 375 060 0	6		
	449 375 100 0	10		
	449 375 120 0	12		

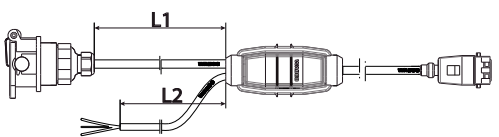
## with open end

	Part Number	L [m]	Cable ends type	
	449 345 120 0	12	open 5-strand 2 x 4.0 mm <sup>2</sup> 3 x 1.5 mm <sup>2</sup>	X1 power 8-pin
	449 345 150 0	15		

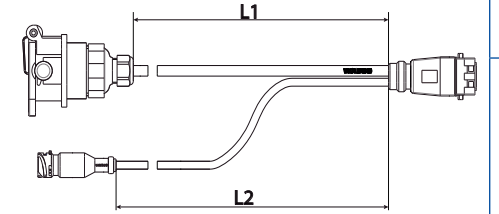
F

## 5-wire Y-power supply cable

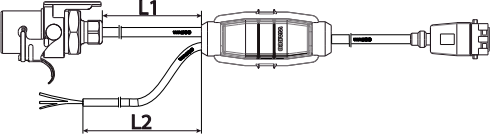
### for semitrailers and 24 N

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 124 333 0*	6	12	Socket ISO 7638 7-pin + open 3-strand 2 x 2.5 mm <sup>2</sup> 1 x 1.5 mm <sup>2</sup>	X1 power 8-pin
	449 124 337 0	12	12		

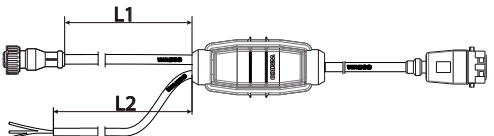
### for semitrailers and 24 N

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 127 036 0	10	0.4	Socket ISO 7638 7-pin + bayonet plug ISO 15170-B1-3.1- Sn/K1 4-pin	X1 power 8-pin

## for drawbar trailers and 24 N

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 224 337 0	12	12	Plug ISO 7638 7-pin + open 3-strand 2 x 2.5 mm <sup>2</sup> 1 x 1.5 mm <sup>2</sup>	X1 power 8-pin

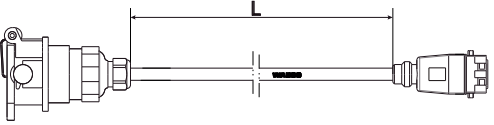
## Y-supply cable with separating point (in combination with 449 132 XXX 0 or 449 242 XXX 0)

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 374 281 0	0.25	8	Coupling socket 5-pin + open 3-strand 2 x 2.5 mm <sup>2</sup> 1 x 1.5 mm <sup>2</sup>	X1 power 8-pin
	449 374 323 0	1	12		
	449 374 328 0	3	12		
	449 374 333 0*	6	12		

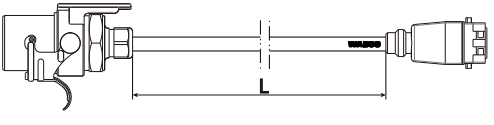
F

## 7-pin supply cable

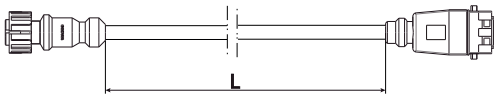
### for semitrailers

	Part Number	L [m]	Cable ends type	
	449 126 060 0	6	Socket ISO 7638 7-pin	X1 power 8-pin
	449 126 100 0	10		
	449 126 120 0	12		
	449 126 140 0	14		

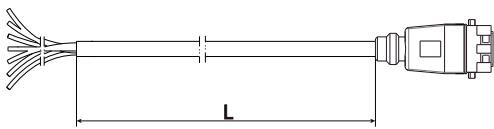
### for drawbar trailers

	Part Number	L [m]	Cable ends type	
	449 226 030 0*	3	Connector ISO 7638 7-pin	X1 power 8-pin
	449 226 060 0	6		
	449 226 100 0	10		
	449 226 120 0	12		
	449 226 140 0	14		

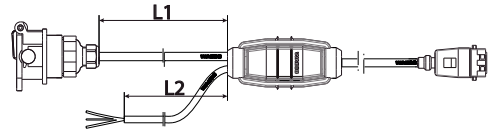
## Supply cable with separating point (in combination with 449 133 XXX 0 or 449 233 XXX 0)

	Part Number	L [m]	Cable ends type	
	449 385 003 0	0.3	Coupling socket 7-pin	X1 power 8-pin
	449 385 030 0	3		
	449 385 060 0	6		
	449 385 100 0	10		

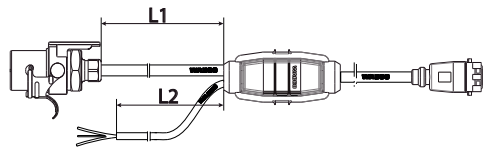
## with open end

	Part Number	L [m]	Cable ends type	
	449 320 120 0	12	open 7-strand 2 x 4.0 mm <sup>2</sup> 3 x 1.5 mm <sup>2</sup> 2 x 1.0 mm <sup>2</sup>	X1 power 8-pin
449 320 150 0	15			

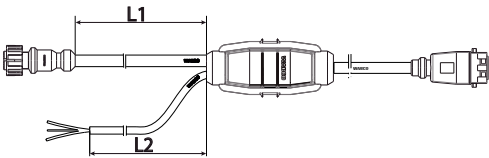
## for semitrailers and 24 N

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 134 333 0*	6	12	Socket ISO 7638 7-pin + open 3-strand 2 x 2.5 mm <sup>2</sup> 1 x 1.5 mm <sup>2</sup>	X1 power 8-pin
449 134 337 0	12	12			

## for drawbar trailers and 24 N

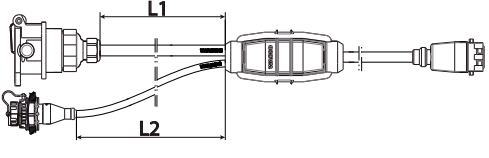
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 234 337 0	12	12	Plug ISO 7638 7-pin + open 3-strand 2 x 2.5 mm <sup>2</sup> 1 x 1.5 mm <sup>2</sup>	X1 power 8-pin

## Y-supply cable with separating point (in combination with 449 133 XXX 0 or 449 233 XXX 0)

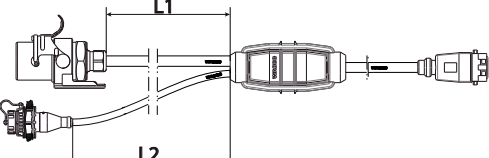
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 384 323 0	1	12	Coupling socket 7-pin + open 3-strand 2 x 2.5 mm <sup>2</sup> 1 x 1.5 mm <sup>2</sup>	X1 power 8-pin
	449 384 328 0*	3	12		
	449 384 333 0	6	12		

## 7-pin Y-supply cable + diagnosis cable

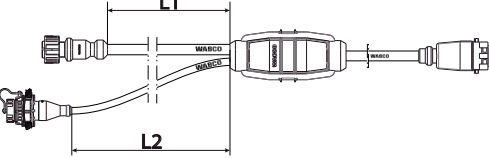
### for semitrailers

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 144 057 0	12	1	Socket ISO 7638 7-pin + diagnosis socket with blue cap 7-pin	X1 power 8-pin
	449 144 153 0*	6	3		
	449 144 157 0	12	3		

### for drawbar trailers

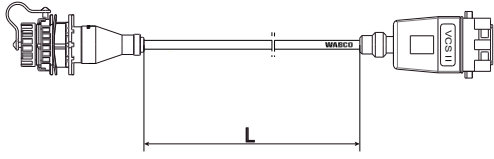
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 244 048 0	3	1	Socket ISO 7638 7-pin + diagnosis socket with blue cap 7-pin	X1 power 8-pin
	449 244 055 0	8	1		
	449 244 155 0	8	3		
449 244 157 0	12	3			

## Y-supply cable with separating point (in combination with 449 133 XXX 0 or 449 233 XXX 0)

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 386 143 0	1	3	Coupling socket 7-pin + diagnosis socket with blue cap 7-pin	X1 power 8-pin
449 386 148 0	3	3			

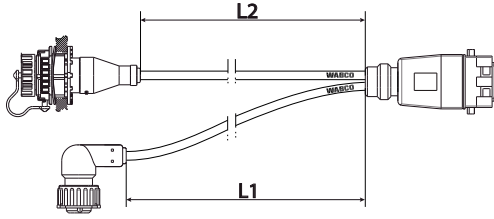
## Diagnosis cable

for diagnosis

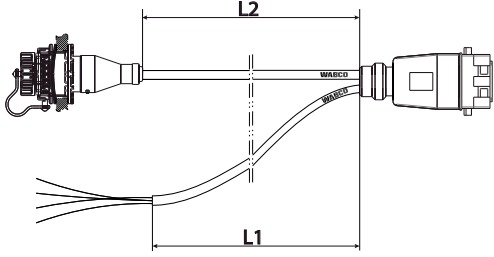
	Part Number	L [m]	Cable ends type	
	449 615 010 0	1	Diagnosis socket with blue cap 7-pin	X6 auxiliary plug 8-pin
	449 615 030 0	3		
	449 615 060 0	6		
	449 615 080 0	8		

## Y-diagnosis cable

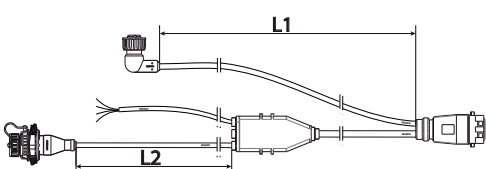
for diagnosis and socket for A-modulator

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 616 148 0	3	3	Diagnosis socket with blue cap 7-pin + bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin	X6 auxiliary plug 8-pin
	449 616 153 0	6	3		
	449 616 156 0	10	3		
	449 616 157 0	12	3		
	449 616 158 0	15	3		
	449 616 235 0	8	5		
	449 616 243 0	1	6		
	449 616 248 0	3	6		
	449 616 253 0	6	6		
	449 616 293 0	6	8		

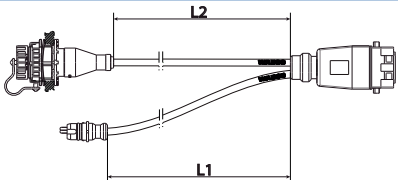
for diagnosis and GIO interface

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 617 013 0	6	0.25	Diagnosis socket with blue cap 7-pin + open 4-strand 4 x 1.5 mm <sup>2</sup>	X6 auxiliary plug 8-pin
	449 617 157 0	12	3		
	449 617 253 0	6	6		
	449 617 257 0	12	6		

for diagnosis, GIO interface and socket for A-modulator

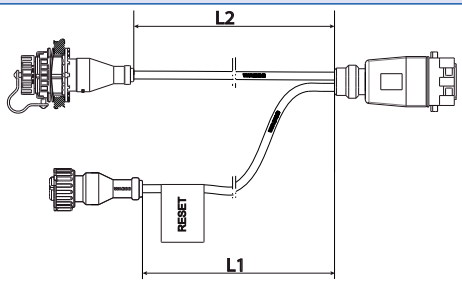
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 618 003 0*	1	0.25	Bayonet socket ISO 15170-B1- 3.1-Sn/K1 4-pin + open 4-strand 4 x 1.5 mm <sup>2</sup> + diagnosis socket with blue cap 7-pin	X6 auxiliary plug 8-pin
	449 618 153 0	6	3		
	449 618 157 0	12	3		
449 618 255 0	8	6			

for diagnosis and GIO interface for brake lining wear indicator

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 619 148 0*	3	3	Diagnosis socket with blue cap 7-pin + sensor plug 3-strand	X6 auxiliary plug 8-pin

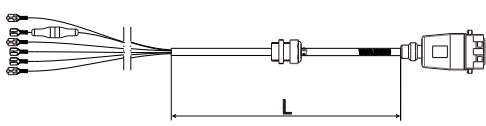
F

for diagnosis and TASC™ valve

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 623 253 0	6	6	Diagnosis socket with blue cap 7-pin + bayonet socket ISO 15170-B1- 2.1-Sn/K1 4-pin	X6 auxiliary plug 8-pin

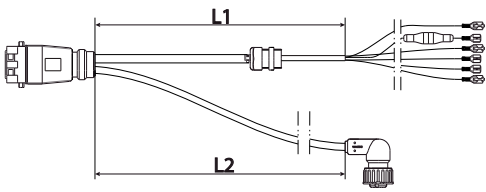
Cable for connecting the ECAS™

for ECAS™ incl. one diagnosis port

	Part Number	L [m]	Cable ends type	
	449 336 030 0	3	open 6-strand with push-on contacts 4 x 1.5 mm <sup>2</sup> 2 x 0.5 mm <sup>2</sup>	X6 auxiliary plug 8-pin

## Y-cable for connecting the ECAS™

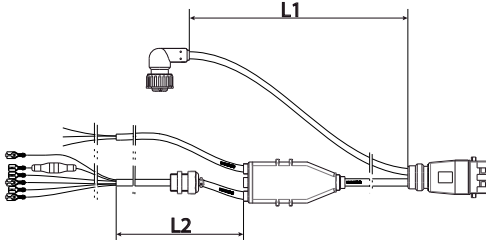
for ECAS™ incl. one diagnosis port and socket for A-modulator

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 337 248 0	3	6	X6 auxiliary plug 8-pin	open 6-strand with push-on contacts 5 x 1.5 mm <sup>2</sup> 1 x 0.5 mm <sup>2</sup> + bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin
449 337 328 0	3	12			

## Triple cable for connecting the ECAS™

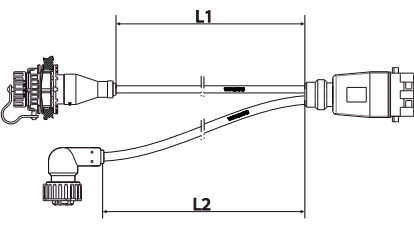
F

for ECAS™ incl. one diagnosis port and GIO interface as well as socket for A-modulator

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 339 297 0	12	8	Bayonet socket ISO 15170-B1- 3.1-Sn/K1 4-pin + open 3-strand 3 x 1.5 mm <sup>2</sup> + open 6-strand with push-on contacts 5 x 1.5 mm <sup>2</sup> 1 x 0.5 mm <sup>2</sup>	X6 auxiliary plug 8-pin

## Y-cable for connecting the electronic air suspension module

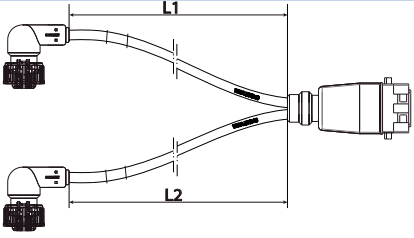
for electronic air suspension module with diagnosis port

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 340 153 0	6	3	Diagnosis socket with blue cap 7-pin + bayonet socket 7-pin	X6 auxiliary plug 8-pin

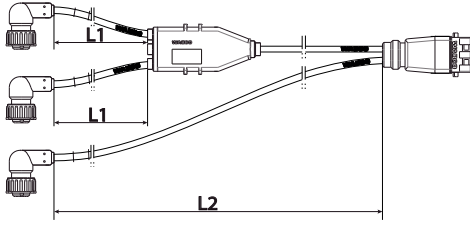


## Cable for modulators

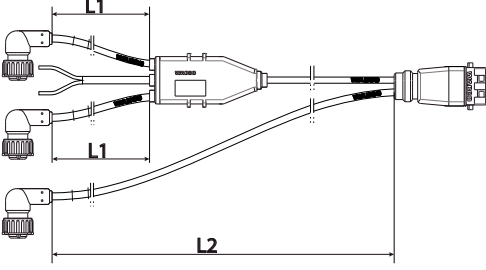
### for B- and C-modulator

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 534 043 0	1	1	2x bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin	X6 auxiliary plug 8-pin
	449 534 148 0	3	3		
	449 534 253 0	6	6		

### for A-, B- and C-modulators

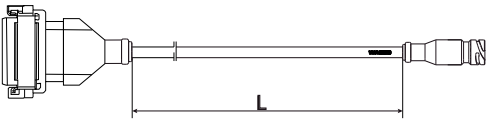
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 544 190 0	4	4	3x bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin	X6 auxiliary plug 8-pin
	449 544 248 0	3	6		
	449 544 333 0	6	12		

### for A-, B- and C-modulators and GIO interface

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 566 333 0	6	12	3x bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin + open 2-strand 2 x 1.5 mm <sup>2</sup>	X6 auxiliary plug 8-pin

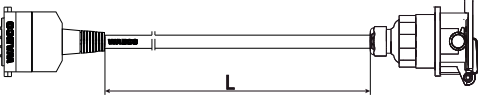
## VCS - VCS II power supply

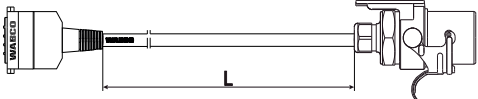
### Adapter cable

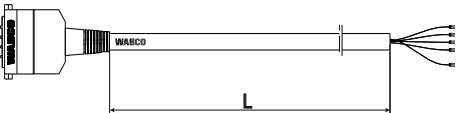
	Part Number	L [m]	Cable ends type	
	894 607 411 0	0.3	Connector plug for VCS power supply	Coupling connector 7-pin

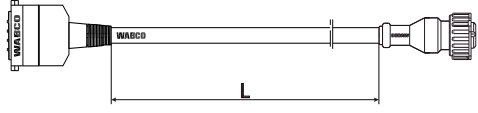
# 12 VCS

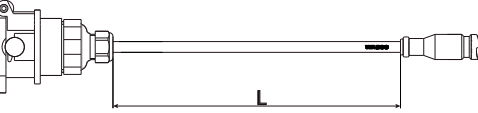
## Supply cable

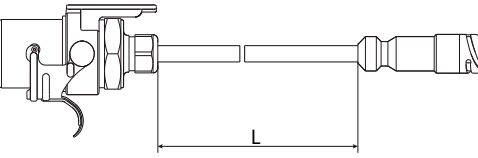
for semitrailers			
	Part Number	L [m]	Cable ends type
	449 112 035 0*	3.5	Power 5-pin  Socket ISO 7638 5-pin
	449 112 060 0*	6	
	449 112 080 0*	8	
	449 112 090 0*	9	
	449 112 100 0*	10	
	449 112 120 0	12	
	449 112 130 0*	13	
	449 112 140 0*	14	

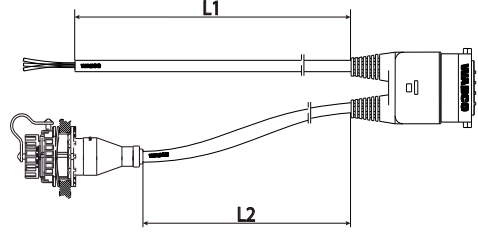
for drawbar trailers			
<span style="font-size: 2em; font-weight: bold; color: white; background-color: blue; padding: 2px 5px;">G</span> 	Part Number	L [m]	Cable ends type
	449 212 060 0*	6	Power 5-pin  Connector ISO 7638 5-pin
	449 212 080 0*	8	
	449 212 090 0*	9	
	449 212 100 0*	10	
	449 212 120 0*	12	
	449 212 140 0*	14	

with open end			
	Part Number	L [m]	Cable ends type
	449 332 003 0*	0.3	Power 5-pin  open 5-strand with push-on contacts 2 x 4.0 mm <sup>2</sup> 3 x 1.5 mm <sup>2</sup>
	449 332 060 0*	6	
	449 332 080 0*	8	
	449 332 090 0*	9	
	449 332 100 0*	10	
	449 332 120 0	12	
	449 332 140 0	14	
	449 332 180 0	18	
449 332 250 0*	25		

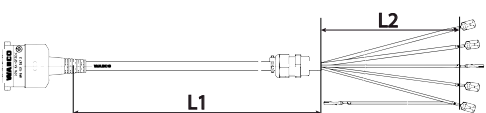
with separating point			
	Part Number	L [m]	Cable ends type
	449 331 003 0	0.3	Power 5-pin  Coupling socket 5-pin
	449 331 025 0*	2.5	
	449 331 060 0*	6	
	449 331 100 0*	10	
	449 331 120 0	12	
	449 331 160 0*	16	

for semitrailers with separating point (in combination with 449 375 XXX 0 or 449 374 XXX 0)			
	Part Number	L [m]	Cable ends type
	449 132 005 0	0.5	Socket ISO 7638 5-pin  Coupling connector 5-pin
	449 132 035 0*	3.5	
	449 132 060 0	6	
	449 132 080 0	8	
	449 132 090 0*	9	
	449 132 100 0	10	
	449 132 120 0	12	
	449 132 140 0*	14	
	449 132 150 0	15	

for drawbar trailers with separating point (in combination with 449 375 XXX 0 or 449 374 XXX 0)			
	Part Number	L [m]	Cable ends type
	449 242 080 0*	8	Connector ISO 7638 5-pin  Coupling connector 5-pin
	449 242 100 0	10	
	449 242 120 0*	12	

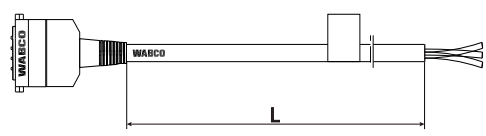
for mixed supply and diagnosis				
	Part Number	L1 [m]	L2 [m]	Cable ends type
	449 314 017 0*	12	0.25	open 3-strand 2 x 2.5 mm <sup>2</sup> 1 x 1.5 mm <sup>2</sup> + diagnosis socket with blue cap 7-pin  Diagnosis 5-pin
	449 314 048 0*	3	1	
	449 314 055 0*	8	1	
	449 314 057 0*	12	1	
	449 314 235 0*	8	5	
	449 314 237 0*	12	5	
	449 314 241 0*	0.25	6	
	449 314 254 0*	7	6	
	449 314 257 0*	12	6	
	449 314 295 0*	8	8	
	449 314 337 0*	12	12	

for ECAS™ electronics 446 055 065 0

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 323 010 0*	1	1 x 0.08 5 x 0.25	Diagnosis 5-pin	open 5-strand with branch connection, push-on contacts and PG screw connection 2 x 2.5 mm <sup>2</sup> 4 x 0.5 mm <sup>2</sup>
449 323 060 0	6	1 x 0.08 5 x 0.25			

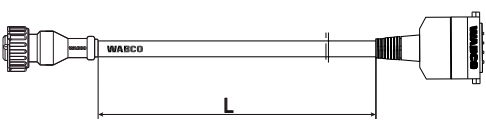
ISS

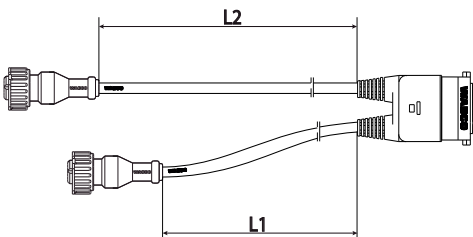
for ISS

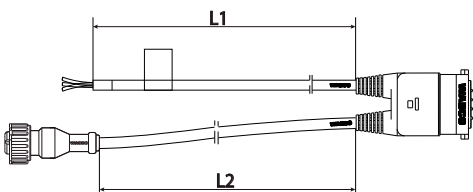
	Part Number	L [m]	Cable ends type	
	449 402 030 0*	3	Modulator 5-pin	open 3-strand 3 x 1.5 mm <sup>2</sup>
	449 402 060 0*	6		
	449 402 070 0*	7		
	449 402 120 0*	12		

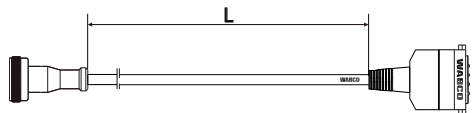
Solenoid valve cable

for 3 modulator

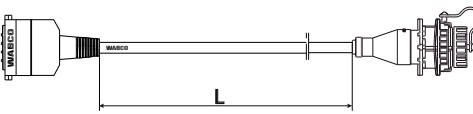
	Part Number	L [m]	Cable ends type	
	449 411 005 0*	0.5	Bayonet socket ISO 72585-B1-3.1-Sn/K1 4-pin	Modulator 5-pin
	449 411 020 0*	2		
	449 411 030 0*	3		
	449 411 040 0*	4		
	449 411 050 0*	5		
	449 411 060 0*	6		
	449 411 080 0	8		
	449 411 100 0	10		
	449 411 120 0*	12		
449 411 140 0	14			

for modulators					
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 444 022 0	0.4	0.4	2x bayonet socket DIN 72585-B1-3.1-Sn/K1 4-pin	Modulator 5-pin
	449 444 064 0	1.35	1.35		
	449 444 104 0	1.35	2		
	449 444 106 0*	2	2		
	449 444 187 0*	2.5	4		
	449 444 188 0*	3	4		
	449 444 190 0	4	4		
	449 444 251 0*	4.5	6		
	449 444 253 0*	6	6		
	449 444 274 0*	7	7		
	449 444 316 0	10	10		

for 3rd modulator, retarder and ISS					
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 454 155 0*	3	8	open 3-strand 3 x 1.5 mm <sup>2</sup> + bayonet socket DIN 72585-B1-3.1-Sn/K1 4-pin	Modulator 5-pin
449 454 295 0	8	8			

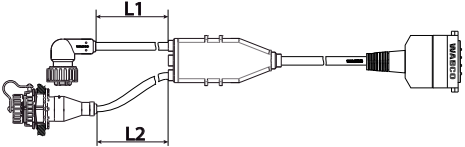
for modulators					
	Part Number	L [m]	Cable ends type		
	894 604 194 0*	0.2	Kostal M 24 x 1 3-pin	Modulator 5-pin	
	894 604 195 0*	0.24			

**Diagnosis**

for diagnosis					
	Part Number	L [m]	Cable ends type		
	449 612 010 0*	1	Diagnosis 5-pin	Diagnosis socket with blue cap 7-pin	
	449 612 030 0	3			
	449 612 050 0*	5			
	449 612 060 0*	6			
	449 612 120 0*	12			


## Electronic air suspension module

### for electronic air suspension module and diagnosis

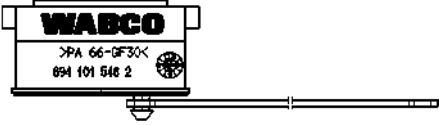
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 354 253 0	6	6	Bayonet socket 7-pin + diagnosis socket with blue cap	Diagnosis 5-pin

## VCS accessories

### Protective cap for plug enclosure

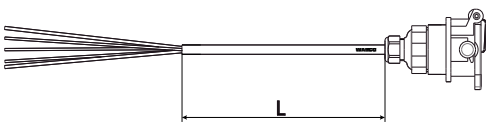
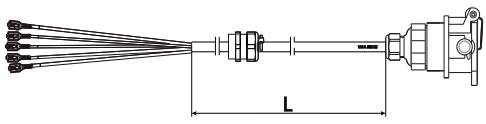
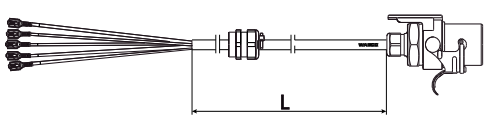
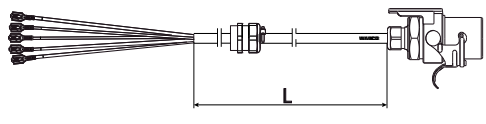
	Part Number
	894 101 548 2

### Protective cap with mounting for plug enclosure

	Part Number
	894 101 640 2*

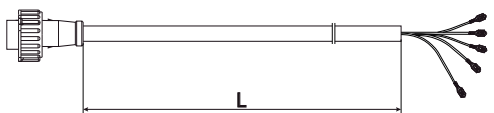
# 13 Vario C

**Supply cable**

for semitrailer (24 V)				
	Part Number	L [m]	Cable ends type	
	449 142 050 0	5	open 5-strand 2 x 4.0 mm <sup>2</sup> 3 x 1.0 mm <sup>2</sup>	Socket ISO 7638 7-pin
	449 142 060 0*	6		
	449 142 070 0*	7		
	449 142 120 0	12		
	449 142 140 0	14		
	449 142 180 0	18		
for semitrailer (12 V)				
	Part Number	L [m]	Cable ends type	
	449 152 060 0*	6	open 5-strand with push-on contacts and PG screw connection 2 x 6.0 mm <sup>2</sup> 3 x 1.5 mm <sup>2</sup>	Socket ISO 7638 7-pin
	449 152 080 0*	8		
449 152 140 0*	14			
for drawbar trailers (24 V)				
	Part Number	L [m]	Cable ends type	
	449 222 060 0*	6	open 5-strand with push-on contacts and PG screw connection 2 x 6.0mm <sup>2</sup> 3 x 1.5 mm <sup>2</sup>	Connector ISO 7638 7-pin
	449 222 100 0*	10		
449 222 120 0*	12			
for drawbar trailers (12 V)				
	Part Number	L [m]	Cable ends type	
449 232 080 0*	8	open 5-strand with push-on contacts and PG screw connection 2 x 6.0 mm <sup>2</sup> 3 x 1.5 mm <sup>2</sup>	Connector ISO 7638 7-pin	

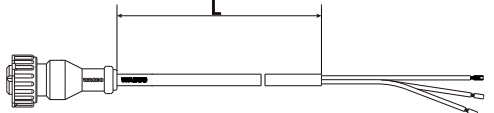
H

## for trailers with separating point

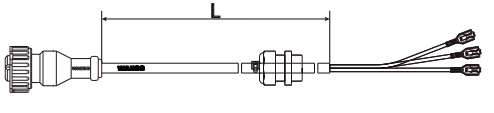
	Part Number	L [m]	Cable ends type	
		894 604 444 2*		Coupling socket 5-pin

## Solenoid valve cable

### for modulators

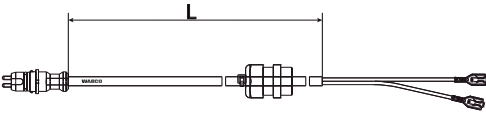
	Part Number	L [m]	Cable ends type	
	449 413 030 0*	3	Bayonet socket ISO 15170-B1-3.1-Sn/ K1 4-pin	open 3-strand with push-on contacts 3 x 1.5 mm <sup>2</sup>
	449 413 040 0	4		
	449 413 050 0	5		
	449 413 057 0*	5.7		
	449 413 060 0	6		
	449 413 080 0	8		
	449 413 090 0	9		
	449 413 100 0	10		
	449 413 120 0	12		
449 413 150 0	15			

### for modulators

	Part Number	L [m]	Cable ends type	
	449 423 020 0*	2	Bayonet socket ISO 72585-B1-3.1-Sn/ K1 4-pin	open 3-strand with push-on contacts and PG screw connection 3 x 1.5 mm <sup>2</sup>
	449 423 030 0	3		
	449 423 040 0*	4		
	449 423 060 0	6		
	449 423 090 0*	9		
	449 423 120 0	12		
449 423 150 0*	15			



## for ABS sensor (replacement for 894 590 XXX 2)

	Part Number	L [m]	Cable ends type	
			Sensor plug 2-pin	open 2-strand with push-on contacts and PG screw connection 2 x 0.75 mm <sup>2</sup>
	449 715 015 0	1.5		
	449 715 020 0*	2		
	449 715 030 0	3		
	449 715 050 0	5		
	449 715 065 0	6.5		
	449 715 080 0	8		
	449 715 100 0	10		
	449 715 120 0	12		
	449 715 150 0	15		

## Accessories Vario C

### Bottom part of box



#### Part Number

446 105 012 4  
(connections: 2x PG 16, 10x PG 11)

446 105 015 2  
(connections: 1x PG 16, 10x PG 11,  
incl. cable set 894 604 430 2 and cap 894 020 314 2\*)

### Cable harness



#### Part Number

446 105 535 2\*

### ABS equipment pack Vario C



#### Part Number

446 105 530 2  
446 105 538 2  
(as 446 105 530 2, but with green supply plug)

### Cable fitting



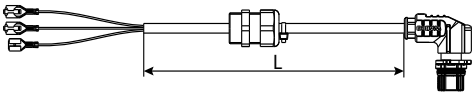
#### Part Number

894 130 312 2  
(PG 11 for cable Ø 5 mm - 10 mm)  
894 130 315 2\*  
(PG 16 for cable Ø 10 mm - 14 mm)

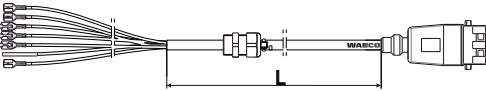
# 14 ECAS™

## Supply cable

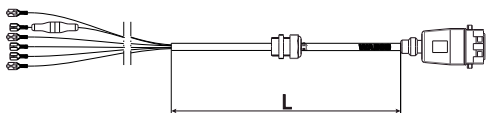
### for EBS E (ECAS™ electronics 446 055 066 0)

	Part Number	L [m]	Cable ends type	
	449 438 050 0	5	open 3-strand with push-on contacts and PG screw connection 3 x 1.00 mm <sup>2</sup>	Code B 4-pin
449 438 080 0	8			

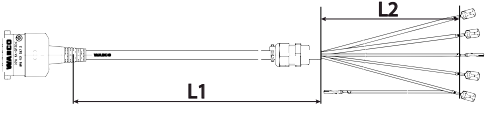
### for EBS D (ECAS™ electronics 446 055 066 0)

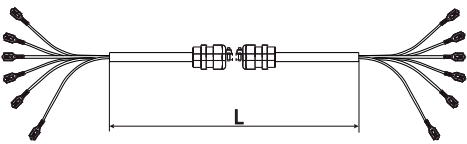
	Part Number	L [m]	Cable ends type		
	449 382 010 0*	1	open 7-strand with push-on contacts and PG screw connection 3 x 1.5 mm <sup>2</sup> 4 x 0.5 mm <sup>2</sup>	X2 diagnosis 8-pin	
	449 382 015 0*	1.5			
	449 382 060 0	6			
	449 382 080 0*	8			
449 382 090 0*	9				

### for VCS II (ECAS™ electronics 446 055 066 0)

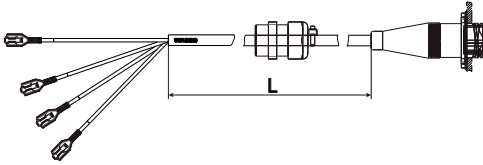
	Part Number	L [m]	Cable ends type	
	449 336 030 0	3	open 6-strand with push-on contacts 4 x 1.5 mm <sup>2</sup> 2 x 0.5 mm <sup>2</sup>	X6 auxiliary plug 8-pin

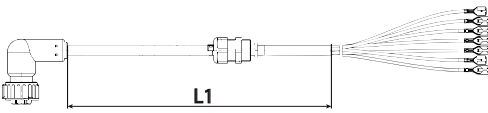
### for VCS (ECAS™ electronics 446 055 065 0)

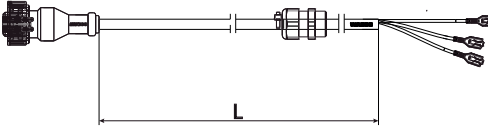
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 323 010 0*	1	6	1 x 0.08 5 x 0.25	Diagnosis plug 5-pin
449 323 060 0	6	1 x 0.08 5 x 0.25			

for Vario C				
	Part Number	L [m]	Cable ends type	
	894 601 142 2*	1	open 6-strand with push-on contacts and PG screw connection 6 x 1 mm <sup>2</sup>	open 6-strand with push-on contacts and PG screw connection 6 x 1 mm <sup>2</sup>
	894 601 143 2*	2		

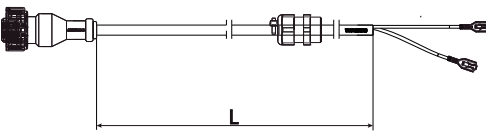
**Cable remote control**

for remote control unit				
	Part Number	L [m]	Cable ends type	
	449 632 015 0	1.5	open 4-strand with push-on contacts and PG screw connection 4 x 0.5 mm <sup>2</sup>	Socket Remote control unit
	449 632 050 0	5		
	449 632 080 0	8		
449 632 100 0	10			

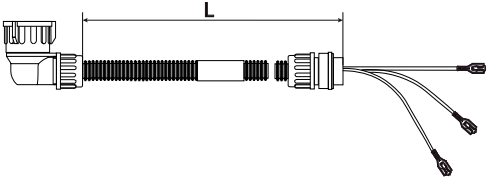
for control box			
	Part Number	L [m]	Cable ends type
	449 637 050 0	5	Bayonet socket 7-pin

for pressure sensor				
	Part Number	L [m]	Cable ends type	
	449 732 030 0*	3	Bayonet socket ISO 72585-B1-3.1-Sn/K1 4-pin	open with push-on contacts and PG screw connection 3-strand 3 x 0.5 mm <sup>2</sup>
	449 732 060 0	6		
449 732 100 0	10			

for height sensor

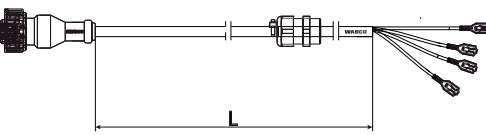
	Part Number	L [m]	Cable ends type	
	449 742 010 0	1	DIN bayonet ISO 72585-B1-2.1-Sn/K1 4-pin	open 2-strand with push-on contacts and PG screw connection 2 x 0.75 mm <sup>2</sup>
	449 742 030 0	3		
	449 742 050 0	5		
	449 742 060 0	6		
	449 742 100 0	10		
	449 742 150 0	15		

for pressure sensor

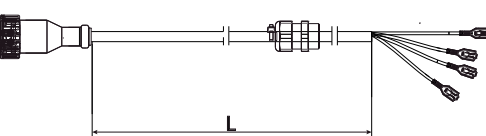
	Part Number	L [m]	Cable ends type	
	894 604 419 2*	6	Bayonet socket (Schlemmer) 4-pin	open 3-strand with push-on contacts and PG screw connection 3 x 1.0 mm <sup>2</sup>

Solenoid valve cable

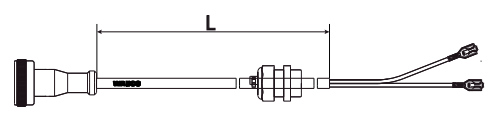
for solenoid valve

	Part Number	L [m]	Cable ends type	
	449 422 010 0*	1	Bayonet socket ISO 72585-B1-4.1-Sn/K1 4-pin	open 4-strand with push-on contacts and PG screw connection 4 x 1.0 mm <sup>2</sup>
	449 422 030 0	3		
	449 422 050 0	5		
	449 422 100 0	10		
	449 422 150 0	15		
	449 422 200 0	20		

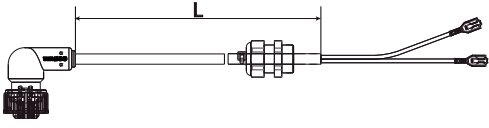
for solenoid valve

	Part Number	L [m]	Cable ends type	
	894 601 038 2	4	Bayonet socket 4-pin	open 4-strand with push-on contacts and PG screw connection 4 x 1.0 mm <sup>2</sup>

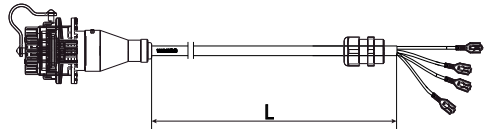
for solenoid valve

	Part Number	L [m]	Cable ends type	
	894 604 215 2	5	Kostal socket M27 x 1 2-pin	open 2-strand with push-on contacts and PG screw connection 2 x 1.5 mm <sup>2</sup>
894 604 243 2*	12			

**Battery box cable**

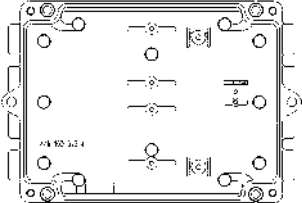
for battery box			
	Part Number	L [m]	Cable ends type
	449 517 060 0	6	Bayonet socket ISO 72585-B1-2.1-Sn/K1 4-pin open 2-strand with push-on contacts and PG screw connection 2 x 1.5 mm <sup>2</sup>

**Diagnosis cable**


for diagnosis			
	Part Number	L [m]	Cable ends type
	449 621 010 0	1	Diagnosis socket with blue cap 7-pin open 4-strand with push-on contacts and PG screw connection 4 x 1.0 mm <sup>2</sup>
	449 621 060 0	6	
	449 621 080 0	8	

**Accessories ECAS™**

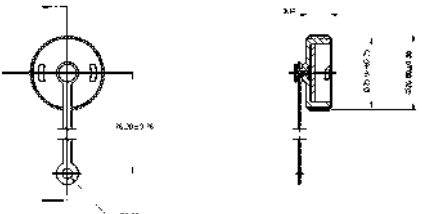
**Bottom part of box**


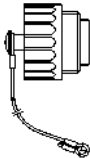
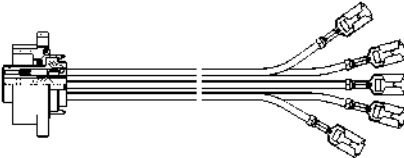
	Part Number
	446 105 013 4 (connections: 16 x PG 11)

**ECAS equipment pack**

	Part Number
	446 055 522 2

**Protective cap for remote control unit socket**

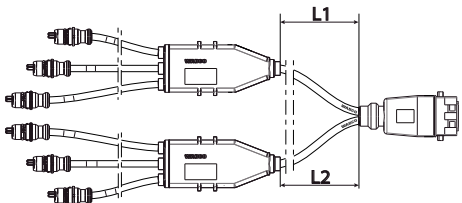
	Part Number
	898 020 319 2

Wiring harness	
	Part Number
	894 604 164 2
Protective cap for diagnosis socket	
	Part Number
	898 020 314 2
Wiring harness	
	Part Number
	894 604 630 2

## 15 Trailer Central Electronic

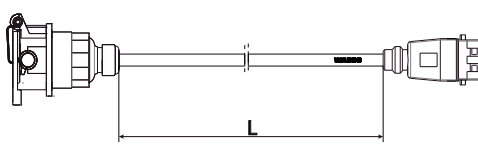
### Brake lining wear

#### for wear indicators

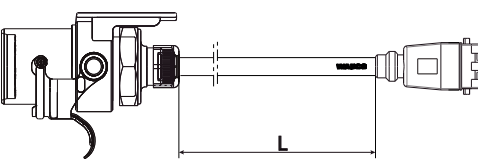
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 894 023 0	1	0.4		6x sensor plug 3-pin
449 894 043 0	1	1			

### Supply cable

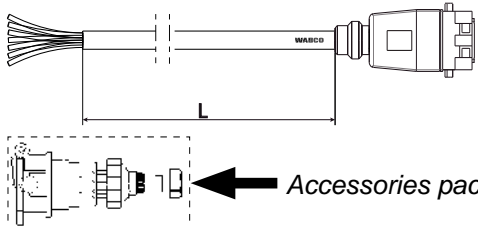
#### for semitrailers

	Part Number	L [m]	Cable ends type	
	449 172 040 0	4	Socket ISO 7638 7-pin	X 12 ISO 7638 7-pin
	449 172 090 0	9		
	449 172 100 0	10		
	449 172 120 0	12		
	449 172 130 0	13		
449 172 150 0	15			

#### for drawbar trailers

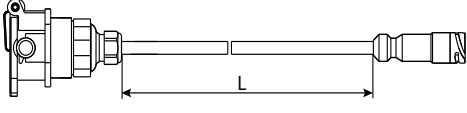
	Part Number	L [m]	Cable ends type	
	449 272 060 0	6	Connector ISO 7638 7-pin	X 12 ISO 7638 7-pin
	449 272 090 0	9		
	449 272 100 0	10		
	449 272 120 0	12		
449 272 150 0	15			

#### for semitrailers

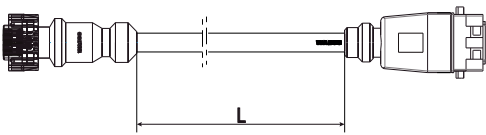
	Part Number	L [m]	Cable ends type	
	449 373 090 0	9	open 7-strand Equipment pack with ISO 7638 socket 2 x 4.0 mm <sup>2</sup> 3 x 1.5 mm <sup>2</sup> 2 x 1.0 mm <sup>2</sup>	X 12 ISO 7638 7-pin
	449 373 120 0	12		
449 373 180 0	18			

# Trailer Central Electronic

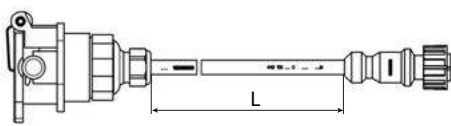
## for semitrailers with separating point

	Part Number	L [m]	Cable ends type	
	449 133 003 0	0.3	Socket ISO 7638 7-pin	Coupling connector 7-pin
	449 133 030 0	3		
	449 133 060 0	6		
	449 133 120 0	12		
	449 133 150 0	15		

## with separating point (in combination with 449 133 XXX 0 or 449 233 XXX 0)

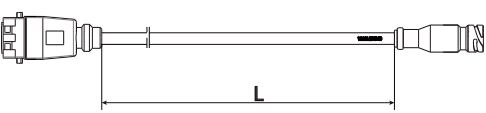
	Part Number	L [m]	Cable ends type	
	449 333 003 0	0.3	Coupling socket 7-pin	X 12 ISO 7638 7-pin
	449 333 025 0	2.5		
	449 333 055 0	5.5		
	449 333 120 0	12		

## for semitrailers with separating point

	Part Number	L [m]	Cable ends type	
	449 135 005 0	0.5	Socket ISO 7638 7-pin	Coupling socket 7-pin
	449 135 025 0	2.5		
	449 135 060 0	6		
	449 135 140 0	14		

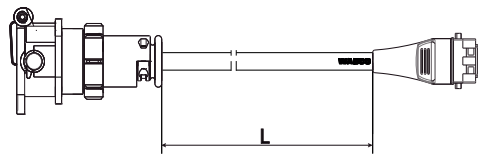
J

## with separating point (in combination with 449 135 XXX 0)

	Part Number	L [m]	Cable ends type	
	449 335 110 0	11	X 12 ISO 7638 7-pin	Coupling connector 7-pin
	449 335 140 0*	14		
	449 335 180 0	18		

## supply cable

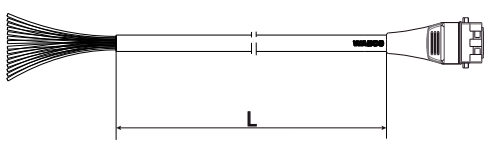
## for semitrailers 15-pin

	Part Number	L [m]	Cable ends type	
	449 113 100 0*	10	Socket ISO 12098 15-pin	X 13 ISO 12098 15-pin
	449 113 120 0	12		
	449 113 140 0*	14		

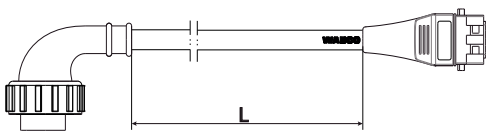


# Trailer Central Electronic

## with open end

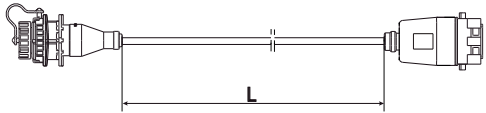
	Part Number	L [m]	Cable ends type	
	449 121 120 0	12	open 15-strand 3 x 2.5 mm <sup>2</sup> 12 x 1.5 mm <sup>2</sup>	X 13 ISO 12098 15-pin

## for lighting carrier

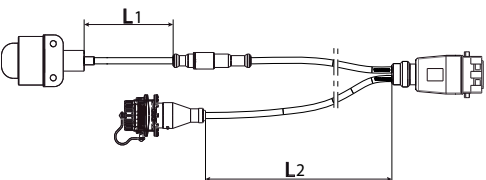
	Part Number	L [m]	Cable ends type	
	449 311 120 0	12	Plug Hella® Trailer Systems 15-pin	X 13 ISO 12098 15-pin

## Diagnosis cable

### for diagnosis

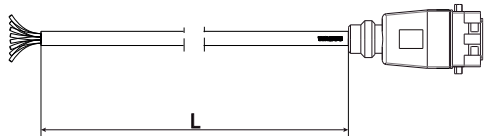
	Part Number	L [m]	Cable ends type	
	449 672 030 0	3	Diagnosis socket with blue cap 7-pin	X 14 diagnosis 5-pin
	449 672 040 0	4		
	449 672 050 0	5		
	449 672 060 0	6		
	449 672 080 0	8		
449 672 090 0	9			

### for diagnosis and warning lamp

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 644 196 0*	10	4	Green warning lamp + diagnosis socket with blue cap 7-pin	X 14 diagnosis 5-pin

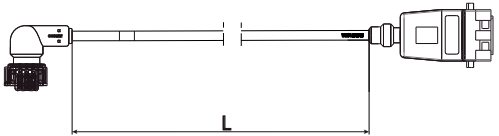
## IN / OUT type, extension

### IN / OUT type, extension

	Part Number	L [m]	Cable ends type	
	449 902 050 0	5	open 8-strand 5 x 1.0 mm <sup>2</sup> 3 x 0.5 mm <sup>2</sup>	X 21 RGE+ IN / OUT 8-pin

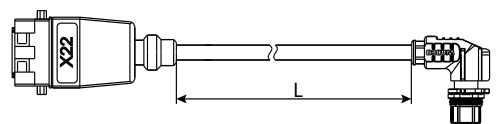
# Trailer Central Electronic

## for control box

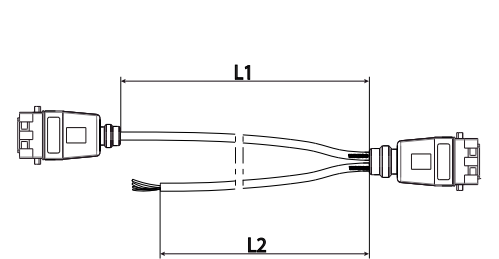
	Part Number	L [m]	Cable ends type	
	449 903 050 0	5	Bayonet socket 7-pin	X 21 RGE+ IN / OUT 8-pin
	449 903 090 0	9		

## EBS trailer

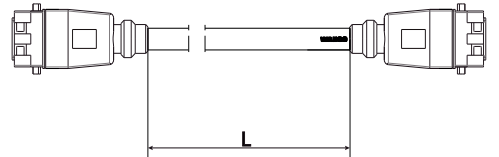
### for EBS E

	Part Number	L [m]	Cable ends type	
	449 348 020 0	2	Trailer Central Electronic slot X22 8-pin	Code C 4-pin

### for EBS D and RGE (retarder)

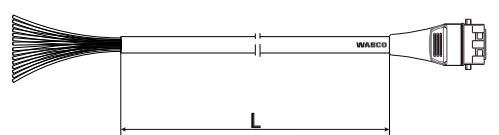
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 394 346 0	2	18	X1 power 7-pin + open 4-strand 2 x 2.5 mm <sup>2</sup> 2 x 0.5 mm <sup>2</sup>	X22 EBS + RGE CAN 8-pin
	449 394 366 0*	2	18		

### for EBS D

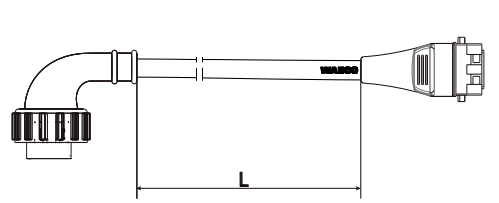
	Part Number	L [m]	Cable ends type	
	449 399 020 0	2	X1 power 7-pin	X22 EBS + RGE CAN 8-pin
	449 399 100 0	10		

## Standard vehicle lighting

### for underride guard lighting

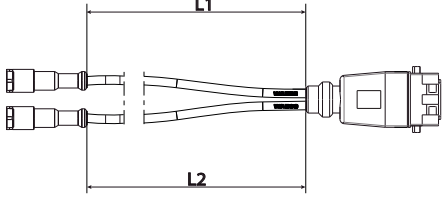
	Part Number	L [m]	Cable ends type	
	449 391 075 0	7.5	open 15-strand 3 x 2.5 mm <sup>2</sup> 12 x 1.5 mm <sup>2</sup>	X23 lighting 15-pin

### for lighting carrier

	Part Number	L [m]	Cable ends type	
	449 392 075 0*	7.5	Plug Hella® Trailer Systems 15-pin	X23 lighting 15-pin
	449 392 100 0*	10		

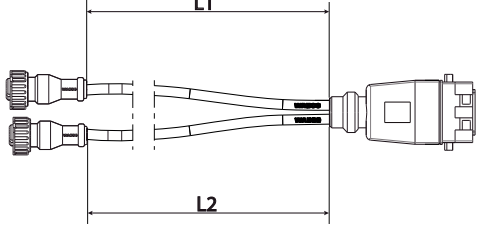
## Side markers

### Side marker lighting

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 904 001 0	0.25	0.25	2x sensor plug 2-pin	X24 side marker 4-pin
	449 904 190 0	4	4		
	449 904 253 0	6	6		

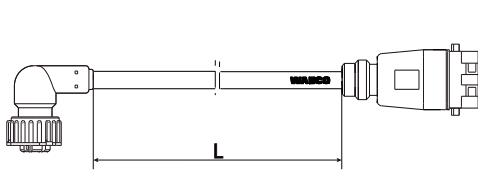
## Ramp approach support

### for ultra sonic sensors

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 704 253 0	6	6	2x bayonet socket DIN 72585-B1-4.1- Sn/K1 4-pin	X31 ramp approach support 8-pin
	449 704 295 0	8	8		

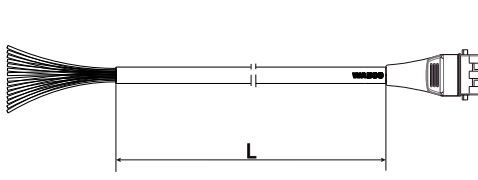
## IVTM

### for IVTM

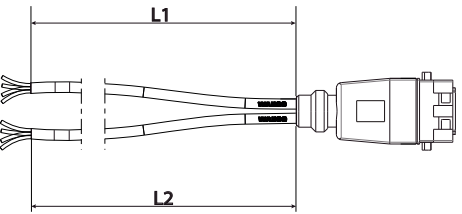
	Part Number	L [m]	Cable ends type	
	449 302 015 0*	1.5	Bayonet socket 7-pin	X32 IVTM + CAN setup 8-pin
	449 302 080 0*	8		

## Extended lighting

### Additional lighting

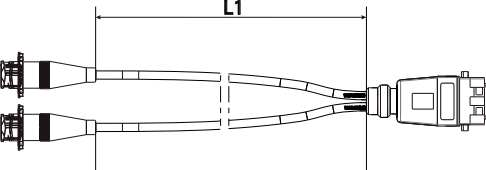
	Part Number	L [m]	Cable ends type	
	449 393 075 0*	7.5	open 15-strand 3 x 2.5 mm <sup>2</sup> 12 x 1.5 mm <sup>2</sup>	X33 superstructure lighting 15-pin

## Additional lighting

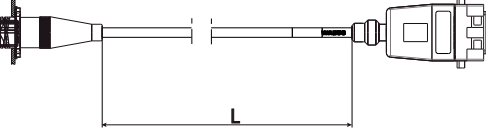
Additional lighting					
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 604 316 0	10	10	2x open 5-strand 10 x 1.0 mm <sup>2</sup>	X34 road tanker lighting 8-pin

## Remote control unit

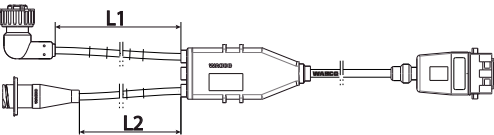
### for remote control unit (two sockets)

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 634 232 0*	5	5	2x socket Remote control unit	X41 remote control unit 5-pin
	449 634 239 0	18	5		
	449 634 316 0	10	10		

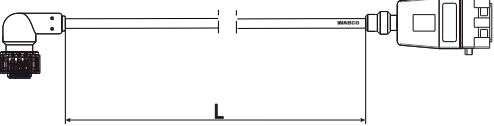
### for remote control unit (one socket)

	Part Number	L [m]	Cable ends type		
	449 635 050 0	5	Socket Remote control unit	X41 remote control unit 5-pin	
	449 635 070 0	7			

### for control box and remote control unit

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 654 252 0	5	6	Bayonet socket 7-pin + remote control unit socket	X41 remote control unit 5-pin

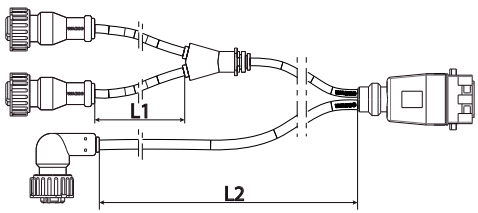
### for control box

	Part Number	L [m]	Cable ends type		
	449 655 050 0	5	Bayonet socket 7-pin	X41 remote control unit 5-pin	

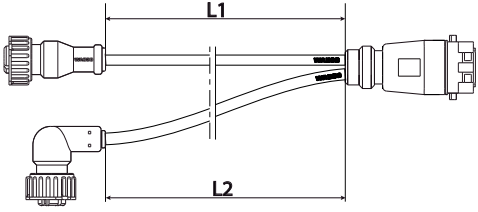
# Trailer Central Electronic

## Height sensor and battery box

### for two height sensors and battery box

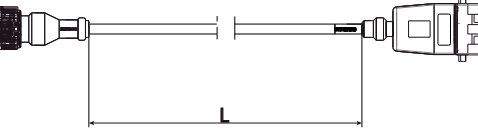
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 804 228 0	3	5	3x bayonet socket DIN 72585-B1-2.1-Sn/K1 4-pin	X42 height sensor + battery 6-pin

### for one height sensor and battery box

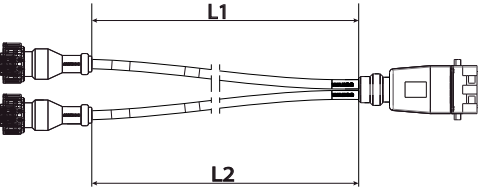
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 814 228 0	3	5	2x bayonet socket DIN 72585-B1-2.1-Sn/K1 4-pin	X42 height sensor + battery 6-pin
449 814 292 0	5	8			

## ECAS™ solenoid valve

### for ECAS™ valves 472 900 XXX 0 or 472 880 030 0

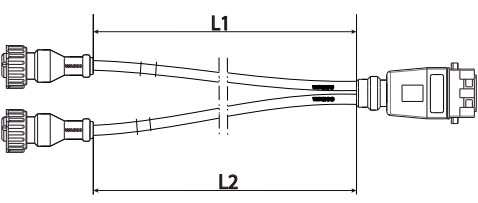
	Part Number	L [m]	Cable ends type	
	449 483 015 0	1.5	Bayonet socket DIN 72585-B1-4.1-Sn/K1 4-pin	X43 solenoid valve 8-pin
449 483 025 0	2.5			

### for ECAS™ valves 472 905 XXX 0

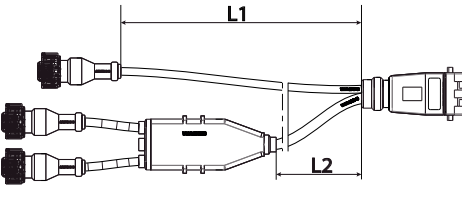
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 484 085 0	1.5	1.5	1x bayonet socket DIN 72585-B1-4.1-Sn/K1 4-pin + 1x bayonet socket DIN 72585-B1-3.3-Sn/K1 4-pin	X43 solenoid valve 8-pin
449 484 127 0	2.5	2.5			

# Trailer Central Electronic

## for ECAS™ valve and lifting axle valve 463 084 030 0

	Part Number	L1 [m]	L2 [m]	Cable ends type	
		449 485 106 0	2	2	1x bayonet socket DIN 72585-B1-4.1-Sn/K1 4-pin + 1x bayonet socket DIN 72585-B1-2.1-Sn/K1 4-pin

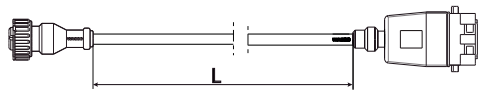
## for ECAS™ valve and lifting axle valve 463 084 010 0

	Part Number	L1 [m]	L2 [m]	Cable ends type	
		449 494 025 0	1.5	0.4	1x bayonet socket DIN 72585-B1-2.1-Sn/K1 4-pin + 1x bayonet socket DIN 72585-B1-4.1-Sn/K1 4-pin + 1x bayonet socket DIN 72585-B1-3.3-Sn/K1 4-pin

## Pressure sensor


J

## for one pressure sensor

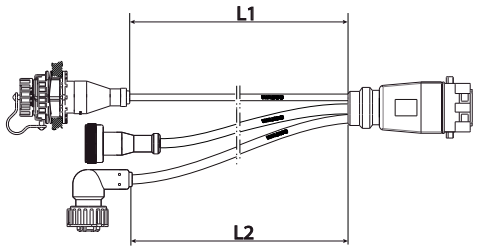
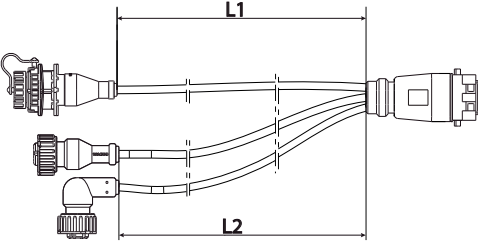
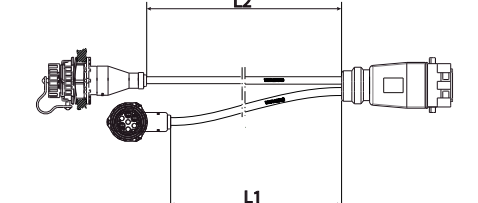
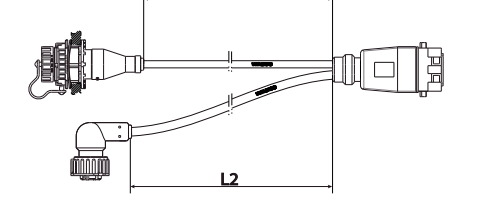
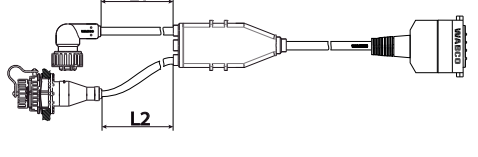
	Part Number	L [m]	Cable ends type	
		449 823 020 0	2	Bayonet socket DIN 72585-B1-3.1-Sn/K1 4-pin

## Accessories Trailer Central Electronic

### Protective cap for plug connection X11 ... X44 (with ring seal)

	Part Number
	894 110 139 2

## 16 Electronic air suspension module

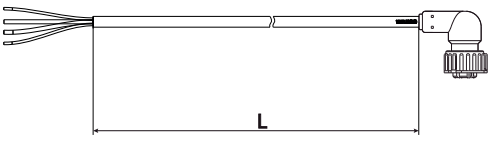
Electronic air suspension module					
<b>for EBS D, diagnosis and lifting axle valve</b>					
	<b>Part Number</b>	<b>L1 [m]</b>	<b>L2 [m]</b>	<b>Cable ends type</b>	
	449 334 113 0	6	2	Diagnosis socket with blue cap 7-pin + Kostal M27 x 1 2-pin + bayonet socket 7-pin	X2 diagnosis 8-pin
<b>for EBS D, diagnosis and lifting axle valve</b>					
	<b>Part Number</b>	<b>L1 [m]</b>	<b>L2 [m]</b>	<b>Cable ends type</b>	
	449 554 113 0	6	2	Diagnosis socket with blue cap 7-pin + bayonet socket ISO 15170-B1-2.1-Sn/K1 4-pin + bayonet socket 7-pin	X2 diagnosis 8-pin
<b>for EBS D and diagnosis</b>					
	<b>Part Number</b>	<b>L1 [m]</b>	<b>L2 [m]</b>	<b>Cable ends type</b>	
	449 344 246 0	6	2	Diagnosis socket with blue cap + bayonet socket 7-pin	EBS Electronics "Diagnosis"
	449 344 253 0	6	6		
<b>for VCS II incl. and diagnosis</b>					
	<b>Part Number</b>	<b>L1 [m]</b>	<b>L2 [m]</b>	<b>Cable ends type</b>	
	449 340 153 0	6	3	Diagnosis socket with blue cap 7-pin + bayonet socket 7-pin	X6 auxiliary plug 8-pin
<b>for VCS and diagnosis</b>					
	<b>Part Number</b>	<b>L1 [m]</b>	<b>L2 [m]</b>	<b>Cable ends type</b>	
	449 354 253 0	6	6	Bayonet socket 7-pin + diagnosis socket with blue cap	Diagnosis 5-pin

K

# Electronic air suspension module

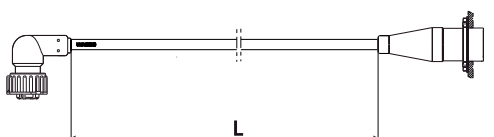
## Towing vehicle

### for towing vehicles

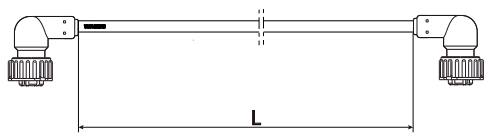
	Part Number	L [m]	Cable ends type	
	449 355 060 0	6	<i>open</i> 4-strand 2 x 2.5 mm <sup>2</sup> 2 x 0.5 mm <sup>2</sup>	<i>Bayonet socket</i> 7-pin

## Operation

### for remote control unit

	Part Number	L [m]	Cable ends type	
	449 633 060 0	6	<i>Bayonet socket</i> DIN 72585-B1-4.1-Sn/K1 4-pin	<i>Socket</i> Remote control unit

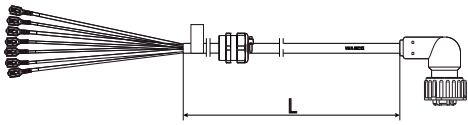
### for control box

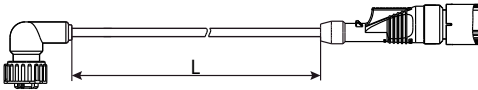
	Part Number	L [m]	Cable ends type	
	449 638 060 0	6	<i>Bayonet socket</i> DIN 72585-B1-4.1-Sn/K1 4-pin	<i>Bayonet socket</i> 7-pin

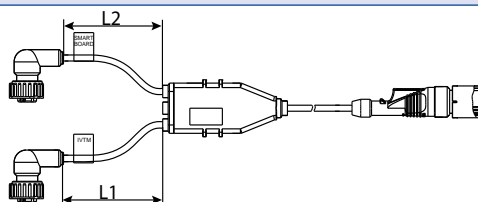


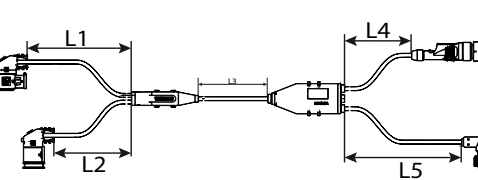
# 17 OptiTire™ / IVTM

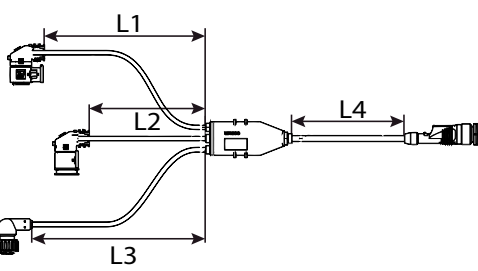
## Connecting cable

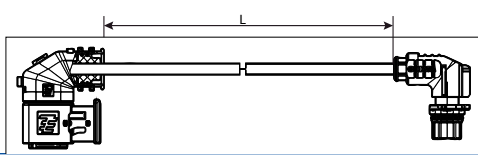
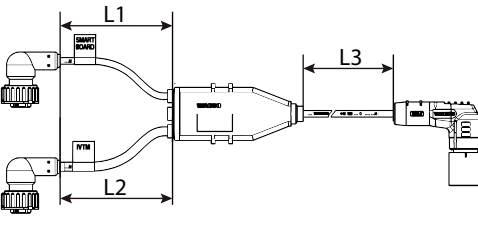
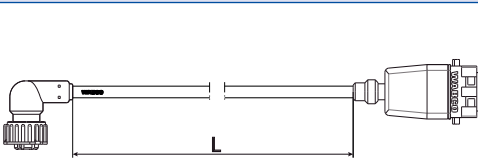
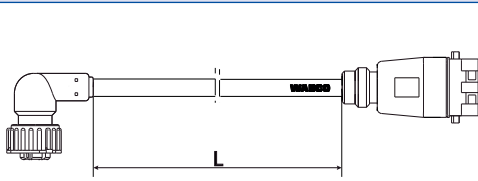
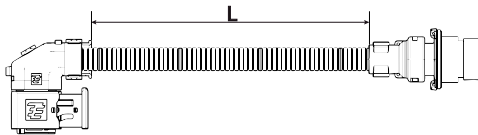
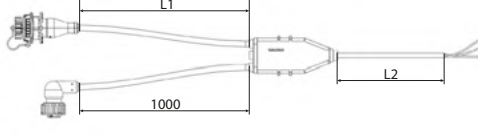
with open end			
	Part Number	L [m]	Cable ends type
	449 376 070 0	7	open 7-strand with push-on contacts and PG screw connection 7 x 0.5 mm <sup>2</sup>
	449 376 250 0	25	

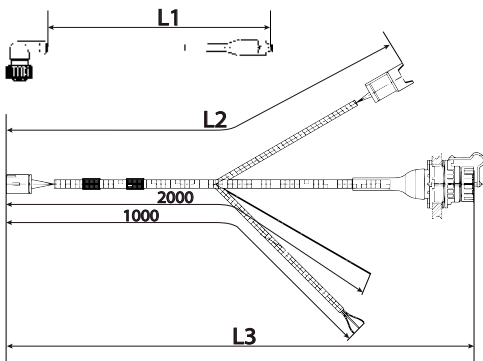
for TEBS E (subsystem)			
	Part Number	L [m]	Cable ends type
	449 913 050 0	5	Bayonet socket 7-pin Code C 8-pin

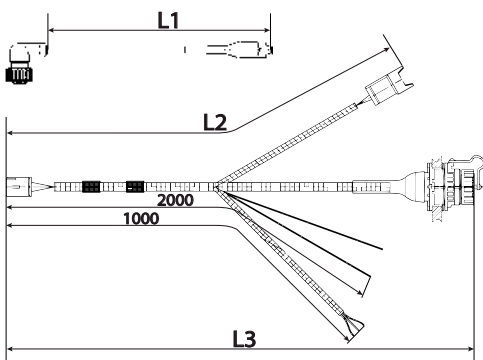
for TEBS E (subsystem) and SmartBoard				
	Part Number	L1 [m]	L2 [m]	Cable ends type
	449 916 182 0	0.4	4	2 x bayonet socket 7-pin Code C 8-pin
	449 916 243 0	1	6	
	449 916 253 0	6	6	

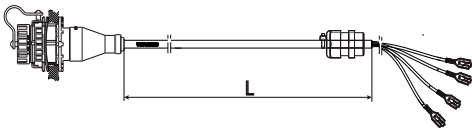
for TEBS E (subsystem), OptiLink™ and SmartBoard							
	Part Number	L1 [m]	L2 [m]	L3 [m]	L4 [m]	L5 [m]	Cable ends type
	449 934 330 0	12	1	4	0.5	6	2 x HDSCS 8-pin Code C 8-pin + bayonet socket 7-pin

for TEBS E (subsystem), OptiLink™ and control box						
	Part Number	L1 [m]	L2 [m]	L3 [m]	L4 [m]	Cable ends type
	449 944 217 0	12	4.5	6	0.5	2 x HDSCS 8-pin + bayonet socket 7-pin Code C 8-pin

for TEBS E (GIO 5)						
	Part Number	L [m]	Cable ends type			
	449 927 050 0	5	Socket HDSCS 8-pin		Code B 4-pin	
	449 927 120 0	12				
for electronic extension module and SmartBoard						
	Part Number	L1 [m]	L2 [m]	L3 [m]	Cable ends type	
	449 925 253 0	6	6	0.4	2 x bayonet socket 7-pin	Code C 8-pin
for TEBS D						
	Part Number	L [m]	Cable ends type			
	449 377 030 0	3	Bayonet socket 7-pin		X3 IN / OUT 2 8-pin	
	449 377 080 0	8				
For Trailer Central Electronic						
	Part Number	L [m]	Cable ends type			
	449 302 015 0*	1.5	Bayonet socket 7-pin		X32 IVTM + CAN setup 8-pin	
	449 302 080 0*	8				
Adapter cable						
	Part Number	L [m]	Cable ends type			
	894 600 001 2	0.15	Socket HDSCS 8-pin	Bayonet plug 7-pin		
Trailer vehicle cable set						
	Part Number	L1 [m]	L2 [m]	Cable ends type		
	449 674 273 0	6	7	Diagnosis socket with blue cap 7-pin	open 3-strand 3 x 0.5 mm²	
	449 674 306 0	2	10	Bayonet socket 7-pin		

Bus cable set, 5-pin						
	Part Number	L1 [m]	L2 [m]	L3 [m]	Cable ends type	
		894 607 295 0	9	2.5	2	Bayonet socket 7-pin

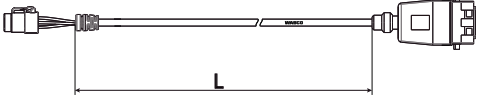
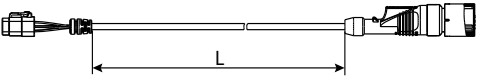
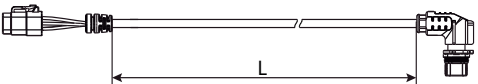
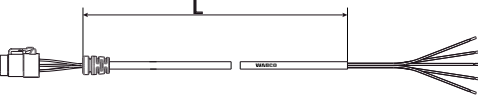
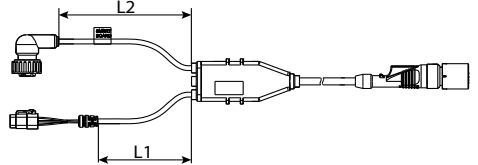
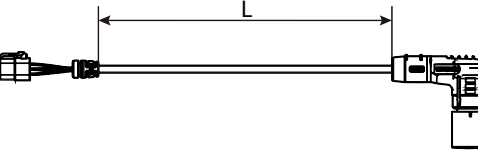
Cable set towing vehicle, 7-pin						
	Part Number	L1 [m]	L2 [m]	L3 [m]	Cable ends type	
		894 607 390 0	9	2.5	2	Bayonet socket 7-pin

for diagnosis			
	Part Number	L [m]	Cable ends type
		449 601 060 0	6



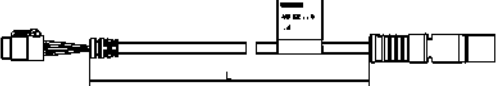
# 18 TrailerGUARD™

## Supply

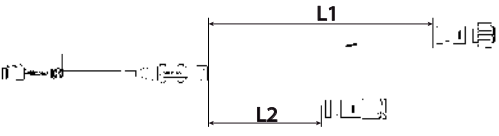
for TEBS D					
	Part Number	L [m]	Cable ends type		
	449 910 050 0	5	Socket DEUTSCH® 6-pin	X3 IN / OUT 2 8-pin	
for TEBS E (subsystem)					
	Part Number	L [m]	Cable ends type		
	449 917 010 0	1	Socket DEUTSCH® 6-pin	Code C 8-pin	
	449 917 025 0	2.5			
449 917 050 0	5				
for TEBS E (GIO 5)					
	Part Number	L [m]	Cable ends type		
	449 918 010 0	1	Socket DEUTSCH® 6-pin	Code B 4-pin	
	449 918 025 0	2.5			
449 918 050 0	5				
with open end					
	Part Number	L [m]	Cable ends type		
	449 919 050 0	5	Socket DEUTSCH® 6-pin	open 5-wire	
for TEBS E (subsystem) and SmartBoard					
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 920 248 0	3	6	Socket DEUTSCH® 6-pin + bayonet 7-pin	Code C 8-pin
for TEBS E (electronic extension module subsystem)					
	Part Number	L [m]	Cable ends type		
	449 907 010 0	1	Socket DEUTSCH® 6-pin	Code C 8-pin	

M

## for Haldex® EB+ Gen. 2

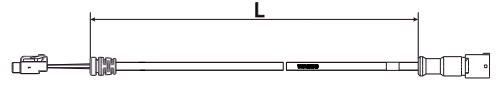
	Part Number	L [m]	Cable ends type	
	449 922 060 0	6	Socket DEUTSCH® 6-pin	Diagnosis (green plug)

## for Knorr-Bremse®

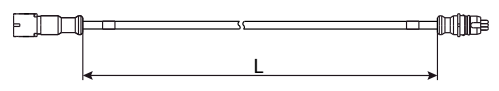
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	449 923 127 0	2.5	2.5	Socket DEUTSCH® 6-pin	Bayonet socket 7-pin + bayonet plug 7-pin

## Sensors

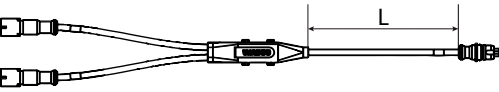
### for coupling and door sensor

	Part Number	L [m]	Cable ends type	
	449 745 005 0	0.5	Socket DEUTSCH® 3-pin	Sensor socket 3-pin

### Extension cable (red marking)

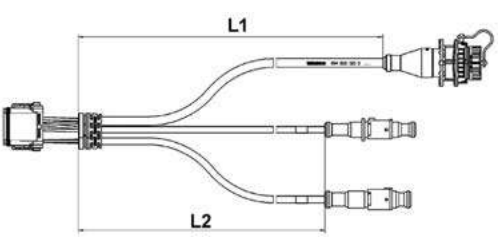
	Part Number	L [m]	Cable ends type	
	449 747 060 0	6	Sensor socket 3-pin	Sensor plug 3-pin

### LIN splitter cable

	Part Number	L [m]	Cable ends type	
	894 600 024 0	0.5	2 x sensor socket 3-pin	Sensor plug 3-pin

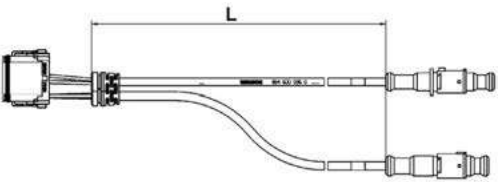
## Option and refrigeration system cable

### for temperature logger, battery and diagnosis

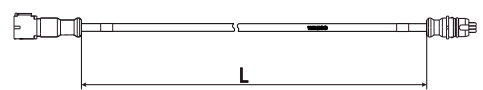
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	894 600 025 0	1	0.5	OPTION 18-pin	Diagnosis socket with yellow cap 7-pin + sensor socket 2-pin + sensor socket 3-pin

M

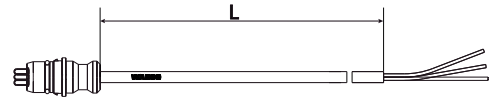
## for temperature logger and battery

	Part Number	L [m]	Cable ends type	
	894 600 036 0	0.5	OPTION 18-pin	Sensor socket 2-pin + sensor socket 3-pin

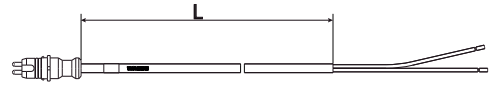
## Extension cable (blue marking)

	Part Number	L [m]	Cable ends type	
	449 746 150 0	15	Sensor socket 3-pin	Sensor plug 3-pin

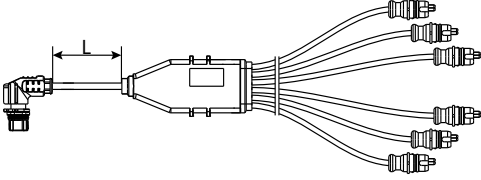
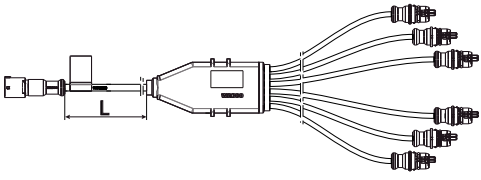
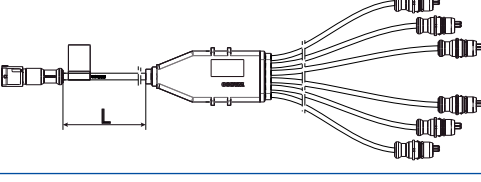
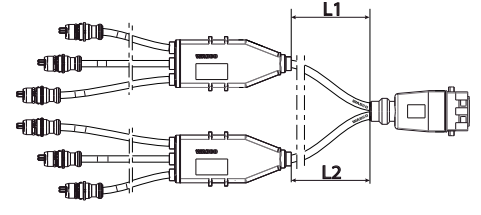
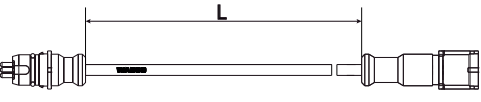
## for temperature logger

	Part Number	L [m]	Cable ends type	
	449 718 005 0	0.5	Sensor plug 3-pin	open 3-strand 3 x 0.5 mm <sup>2</sup>
	449 718 020 0	2		
	449 718 025 0	2.5		
	449 718 050 0	5		
	449 718 060 0	6		
	449 718 150 0	15		
	449 718 160 0	16		
449 718 180 0	18			

## for battery

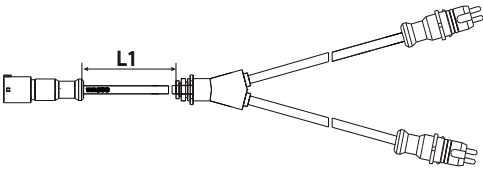
	Part Number	L [m]	Cable ends type	
	449 748 180 0	18	Sensor plug 2-pin	open 2-strand 2 x 1.0 mm <sup>2</sup>

## 19 Brake lining wear

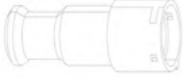
Distributor					
<b>for EBS E</b>					
	<b>Part Number</b>	<b>L [m]</b>	<b>Cable ends type</b>		
	449 816 013 0	1.3	Code B 4-pin	6x sensor plug 3-pin	
	449 816 030 0	3			
<b>for EBS D</b>					
	<b>Part Number</b>	<b>L [m]</b>	<b>Cable ends type</b>		
	449 834 013 0	1.3	Sensor socket 3-pin	6x sensor plug 3-pin	
<b>for EBS D (with company identifier)</b>					
	<b>Part Number</b>	<b>L [m]</b>	<b>Cable ends type</b>		
	449 833 013 0*	1.3	Sensor socket 3-pin	6x sensor plug 3-pin	
<b>For Trailer Central Electronic</b>					
	<b>Part Number</b>	<b>L1 [m]</b>	<b>L2 [m]</b>	<b>Cable ends type</b>	
	449 894 023 0	1	0.4	2x 3 sensor plug 3-pin	X11 brake lining wear 8-pin
	449 894 043 0	1	1		
<b>Extension cable</b>					
	<b>Part Number</b>	<b>L [m]</b>	<b>Cable ends type</b>		
	449 720 010 0	1	Coupling connector 3-pin	Coupling socket 3-pin	
	449 720 020 0	2			
449 720 050 0	5				

N

# Brake lining wear

Y distributor				
	Part Number	L [m]	Cable ends type	
		894 590 082 0	0.1	Coupler socket 3-pin

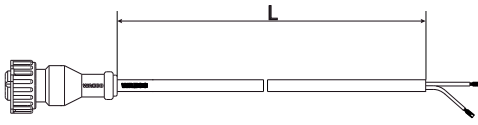
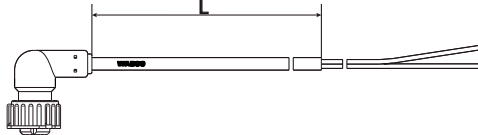
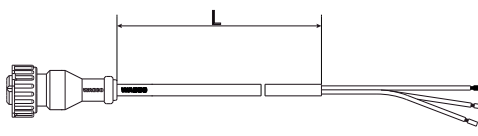
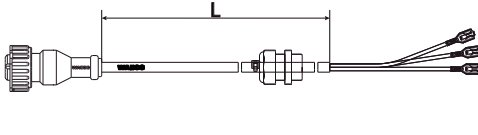
  

Cable bridge	
	Part Number
	441 902 312 2

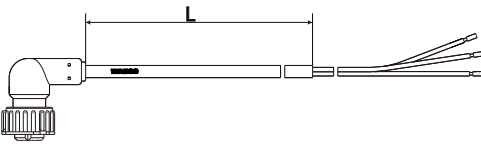


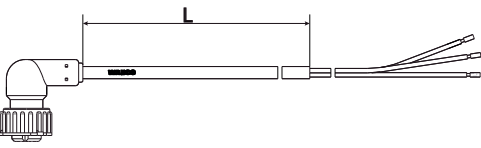
## 20 Solenoid valve cable

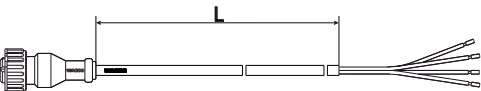
### General


with open end				
	Part Number	L [m]	Cable ends type	
	449 415 060 0	6	Bayonet socket DIN 72585- B1-2.1-Sn/K1 4-pin	open 2-strand with push-on contacts 2 x 1.5 mm <sup>2</sup>
	449 415 080 0	8		
	449 415 100 0	10		
	449 415 180 0	18		
for solenoid valve or air dryer heater				
	Part Number	L [m]	Cable ends type	
	449 515 004 0	0.4	Bayonet socket ISO 15170-B1-2.1-Sn/ K1	open 2-strand 2 x 1.5 mm <sup>2</sup>
	449 515 020 0	2		
	449 515 050 0	5		
	449 515 070 0	7		
	449 515 100 0	10		
	449 515 120 0	12		
449 515 150 0	15			
with open end				
	Part Number	L [m]	Cable ends type	
	449 413 030 0*	3	Bayonet socket ISO 15170-B1-3.1-Sn/ K1 4-pin	open 3-strand with push-on contacts 3 x 1.5 mm <sup>2</sup>
	449 413 040 0	4		
	449 413 050 0	5		
	449 413 057 0*	5.7		
	449 413 060 0	6		
	449 413 080 0	8		
	449 413 090 0	9		
	449 413 100 0	10		
	449 413 120 0	12		
	449 413 150 0	15		
with open end				
	Part Number	L [m]	Cable ends type	
	449 423 020 0*	2	Bayonet socket ISO 72585-B1-3.1-Sn/ K1 4-pin	open 3-strand with push-on contacts 3 x 1.5 mm <sup>2</sup>
	449 423 030 0	3		
	449 423 040 0*	4		
	449 423 060 0	6		
	449 423 090 0*	9		
	449 423 120 0	12		
449 423 150 0*	15			

# Solenoid valve cable


with open end				
	Part Number	L [m]	Cable ends type	
	449 513 004 0	0.4	Bayonet socket ISO 15170-B1-3.1-Sn/ K1	open 3-strand with push-on contacts 3 x 1.0 mm <sup>2</sup>
	449 513 009 0*	0.9		
	449 513 030 0	3		
	449 513 040 0	4		
	449 513 050 0	5		
	449 513 060 0	6		
	449 513 080 0	8		
	449 513 090 0	9		
	449 513 100 0	10		
	449 513 120 0	12		
	449 513 150 0	15		
	449 513 160 0	16		
	449 513 200 0	20		
449 513 220 0*	22			

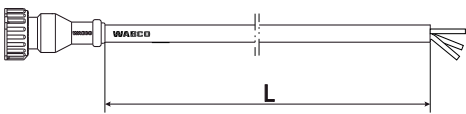
with open end				
	Part Number	L [m]	Cable ends type	
	449 514 020 0*	2	Bayonet socket DIN 72585-B2-3.1-Sn/ K1	open 3-strand with push-on contacts 3 x 1.5 mm <sup>2</sup>
	449 514 100 0*	10		
	449 514 120 0*	12		
449 514 150 0*	15			

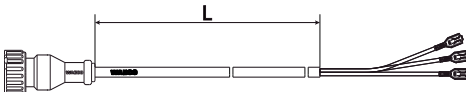
with open end			
	Part Number	L [m]	Cable ends type
	449 420 050 0	5	Bayonet socket ISO 15170-B2-4.1-Sn/ K1
449 420 150 0	15		

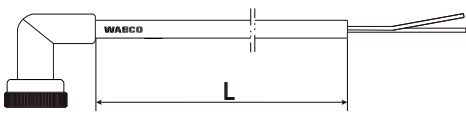
with open end			
	Part Number	L [m]	Cable ends type
894 590 152 2*	3	Bayonet socket (Schlemmer) 3-pin	2-strand with push-on contacts 2 x 1.5 mm <sup>2</sup>

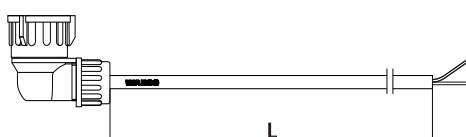
# Solenoid valve cable

with open end			
	Part Number	L [m]	Cable ends type
	894 590 028 2	5	Bayonet socket (Schlemmer) 3-pin  open 2-strand 2 x 1.5 mm <sup>2</sup>
	894 590 030 2*	7	
	894 590 031 2*	8	
	894 590 032 2*	9	
	894 590 033 2*	11	
	894 590 038 2	13	
	894 590 040 2	0.46	
	894 590 041 2*	0.8	

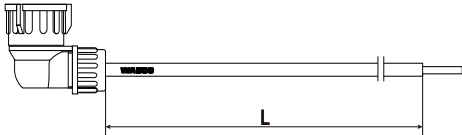
with open end			
	Part Number	L [m]	Cable ends type
	894 590 126 2*	3	Bayonet socket (Schlemmer) 3-pin  open 3-strand 3 x 1.5 mm <sup>2</sup>
	894 590 127 2	4	
	894 590 128 2*	5	
	894 590 129 2*	6	
	894 590 131 2	8	
	894 590 132 2*	9	
	894 590 133 2*	11	
	894 590 134 2	13	

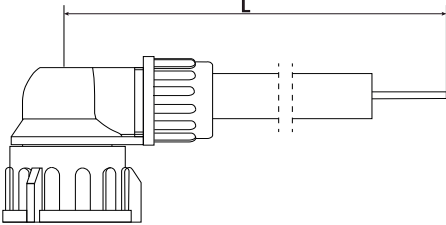
with open end			
	Part Number	L [m]	Cable ends type
	894 590 151 2	3	Bayonet socket (Schlemmer) 3-pin  open 3-strand with push-on contacts 3 x 1.5 mm <sup>2</sup>

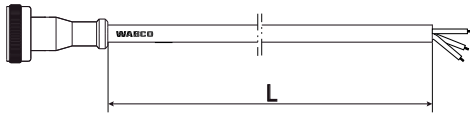
for air dryer heater or lifting axle valve			
	Part Number	L [m]	Cable ends type
	894 600 450 2	0.30	Kostal socket M 24 x 1 2-pin  open 2-strand 2 x 1.5 mm <sup>2</sup>
	894 600 451 2	0.30	Kostal socket M 27 x 1 2-pin  open 2-strand 2 x 1.5 mm <sup>2</sup>

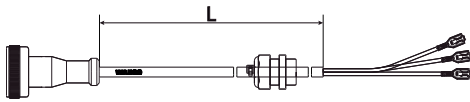
for solenoid valve or air dryer heater			
	Part Number	L [m]	Cable ends type
	894 600 454 2	5	Socket M 27 x 1 2-pin  open 2-strand 2 x 1 mm <sup>2</sup>
	894 600 458 2	10	


# Solenoid valve cable

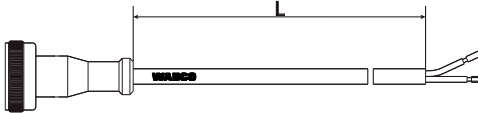
for solenoid valve or air dryer heater			
	Part Number	L [m]	Cable ends type
	894 100 353 2	5	Socket M 24 x 1 3-pin  open 2-strand 2 x 1.0 mm <sup>2</sup>

for solenoid valve or air dryer heater			
	Part Number	L [m]	Cable ends type
	894 101 130 2	10	Socket M 24 x 1 3-pin  open 2-strand 2 x 1.0 mm <sup>2</sup>

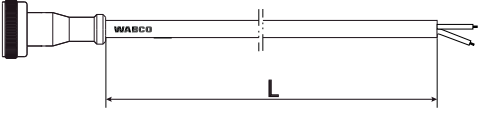
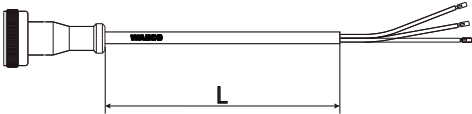
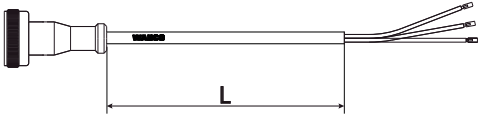
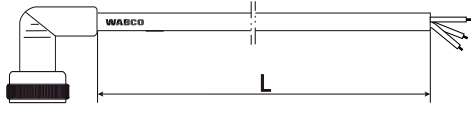
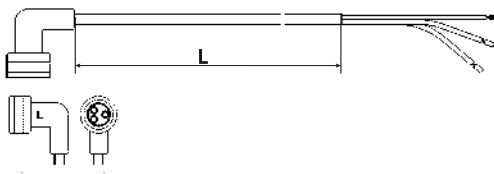
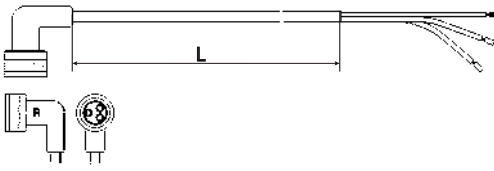
with open end			
	Part Number	L [m]	Cable ends type
	894 590 101 2*	0.8	Kostal socket M 24 x 1 3-pin  open 3-strand 3 x 1.5 mm <sup>2</sup>
	894 590 106 2*	1.5	
	894 590 110 2*	13	

with open end			
	Part Number	L [m]	Cable ends type
	894 590 136 2*	1.5	Kostal socket M 24 x 1 3-pin  open 3-strand with push-on contacts 3 x 1.5 mm <sup>2</sup>
	894 590 137 2*	5	

with open end			
	Part Number	L [m]	Cable ends type
	449 511 060 0	6	Kostal socket M 24 x 1 3-pin  open 3-strand with push-on contacts 3 x 1.5 mm <sup>2</sup>
	449 511 090 0	9	
	449 511 120 0	12	
	449 511 150 0	15	

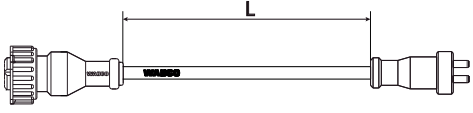
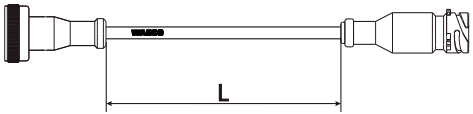
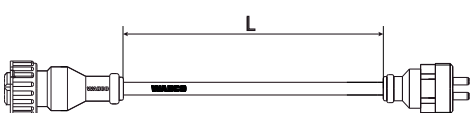
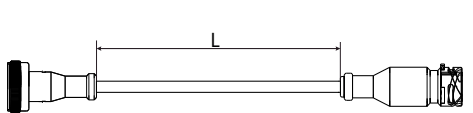
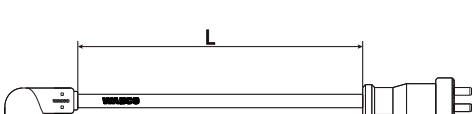
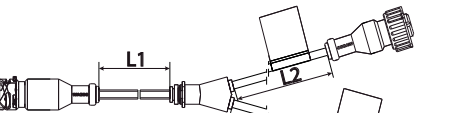

with open end			
	Part Number	L [m]	Cable ends type
	449 521 005 0	0.5	Kostal socket M 27 x 1 2-pin  open 2-strand with push-on contacts 2 x 1.5 mm <sup>2</sup>
	449 521 010 0	1	
	449 521 050 0	5	
	449 521 100 0	10	
	449 521 150 0	15	

# Solenoid valve cable

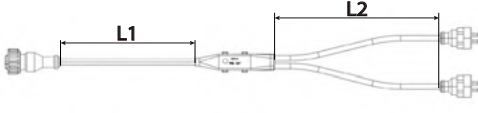
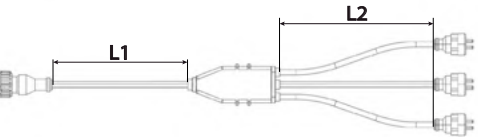

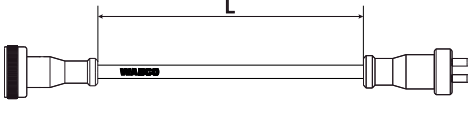
with open end			
	Part Number	L [m]	Cable ends type
	894 601 021 2*	5	Kostal socket M 27 x 1 2-pin
	894 601 022 2*	10	
with open end			
	Part Number	L [m]	Cable ends type
	894 601 077 2	12	Kostal socket M 24 x 1 3-pin  open 3-strand with push-on contacts 3 x 1.5 mm <sup>2</sup>
with open end			
	Part Number	L [m]	Cable ends type
	894 601 180 2*	9	Kostal socket M 24 x 1 3-pin  open 3-strand with push-on contacts 3 x 1.5 mm <sup>2</sup>
	894 601 181 2*	12	
with open end			
	Part Number	L [m]	Cable ends type
	894 601 015 2*	0.9	Kostal socket M 24 x 1 3-pin  open 3-strand 3 x 1.5 mm <sup>2</sup>
	894 601 243 2*	6	
with open end			
	Part Number	L [m]	Cable ends type
	449 523 090 0	9	Kostal socket (left) M 24 x 1 3-pin  open 3-strand with push-on contacts 3 x 1.5 mm <sup>2</sup>
	449 523 120 0*	12	
with open end			
	Part Number	L [m]	Cable ends type
	449 524 060 0	6	Kostal socket (right) M 24 x 1 3-pin  open 3-strand with push-on contacts 3 x 1.5 mm <sup>2</sup>
	449 524 090 0*	9	
	449 524 120 0*	12	

# Solenoid valve cable

## Adapter cable

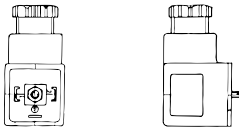
	<b>Part Number</b>	<b>L [m]</b>	<b>Cable ends type</b>		
	894 601 132 2	0.15	<i>Bayonet socket DIN 72585-B1-3.1-Sn/K1 4-pin</i>		<i>Kostal plug M 24 x 1 3-pin</i>
	<b>Part Number</b>	<b>L [m]</b>	<b>Cable ends type</b>		
	894 601 133 2	0.15	<i>Kostal socket M 24 x 1 3-pin</i>		<i>Bayonet plug ISO 15170-B1-3.1-Sn/K1 3-pin</i>
	<b>Part Number</b>	<b>L [m]</b>	<b>Cable ends type</b>		
	894 601 134 2	0.15	<i>Bayonet socket DIN 72585-B1-2.1-Sn/K1 4-pin</i>		<i>Kostal plug M 27 x 1 2-pin</i>
	<b>Part Number</b>	<b>L [m]</b>	<b>Cable ends type</b>		
	894 601 135 2	0.15	<i>Kostal socket M 27 x 1 2-pin</i>		<i>Bayonet plug DIN 72585-B1-2.1-Sn/K1 4-pin</i>
	<b>Part Number</b>	<b>L [m]</b>	<b>Cable ends type</b>		
	894 601 136 2	0.15	<i>Bayonet socket DIN 72585-B1-3.1-Sn/K1 4-pin</i>		<i>Kostal plug M 24 x 1 3-pin</i>
	<b>Part Number</b>	<b>L1 [m]</b>	<b>L2 [m]</b>	<b>L3 [m]</b>	<b>Cable ends type</b>
	894 601 138 2	0.1	0.3	0.6	<i>Bayonet socket DIN 72585-A1-2.1-Sn/K1 + bayonet socket DIN 72585-B1-2.1-Sn/K1 4-pin</i>
	<b>Part Number</b>	<b>L [m]</b>	<b>Cable ends type</b>		
	894 601 161 2	0.3	<i>Bayonet socket ISO 15170-B1-4.1-Sn/K1 4-pin</i>		<i>Bayonet plug ISO 15170-B1-4.1-Sn/K1 4-pin</i>

# Solenoid valve cable

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	472 880 929 2	0.2	0.2	Bayonet socket ISO 15170-B1-4.1-Sn/K1 4-pin	2x Kostal plug M27 x 1 2-pin
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	472 880 928 2	0.2	0.2	Bayonet socket ISO 15170-B1-4.1-Sn/K1 4-pin	3x Kostal plug M27 x 1 2-pin
	Part Number	L [m]	Cable ends type		
	472 880 931 2	0.3	Bayonet plug ISO 15170-B1-3.2-Sn/K1 4-pin	Bayonet socket ISO 15170-B1-3.3-Sn/K1 4-pin	
	Part Number	L [m]	Cable ends type		
	894 601 036 2*	8	Kostal socket M 24 x 1 3-pin	Kostal plug M 24 x 1 3-pin	
	894 601 144 2*	6			
	894 601 149 2*	2.3			

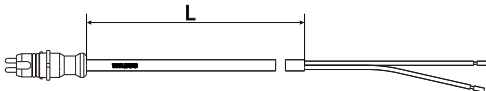
## Accessories, solenoid valves

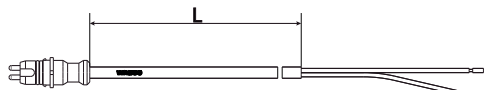
### Plug solenoid valve

	Part Number
	894 100 030 2

## 21 Sensor cable

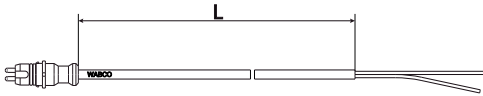
### 2-pin cable


with open end			
	Part Number	L [m]	Cable ends type
	449 711 005 0	0.5	Sensor plug 2-pin  open 2-strand 2 x 0.75 mm <sup>2</sup>
	449 711 020 0	2	
	449 711 030 0	3	
	449 711 035 0*	3.5	
	449 711 050 0	5	
	449 711 055 0*	5.5	
	449 711 060 0	6	
	449 711 065 0	6.5	
	449 711 080 0	8	
	449 711 090 0*	9	
	449 711 100 0	10	
	449 711 120 0	12	
	449 711 150 0	15	
449 711 160 0	16		
449 711 200 0	20		

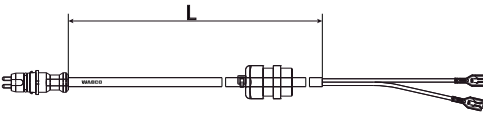
with open end			
	Part Number	L [m]	Cable ends type
	449 721 020 0	2	Sensor plug 2-pin  open 2-strand 2 x 0.75 mm <sup>2</sup>
	449 721 030 0	3	
	449 721 040 0	4	
	449 721 050 0	5	
	449 721 060 0	6	
	449 721 080 0	8	
	449 721 090 0	9	
	449 721 100 0	10	
	449 721 120 0	12	
	449 721 180 0	18	



# Sensor cable

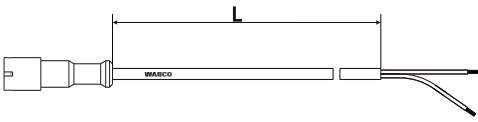
with open end			
	Part Number	L [m]	Cable ends type
	449 751 070 0	7	Sensor plug 2-pin  open 2-strand 2 x 0.75 mm <sup>2</sup>
	449 751 122 0	12.2	
	449 751 142 0	14.2	
	449 751 162 0*	16.2	
	449 751 180 0	18	
	449 751 300 0	30	
	449 751 590 0	59	
	449 751 900 0	90	

with open end			
	Part Number	L [m]	Cable ends type
	894 590 057 2	1.5	Sensor plug 2-pin  open 2-strand with push-on contacts 2 x 0.75 mm <sup>2</sup>
	894 590 058 2*	3	
	894 590 059 2	5	
	894 590 060 2*	6.5	
	894 590 061 2	8	
	894 590 062 2	10	
	894 590 063 2	12	
	894 590 064 2*	15	

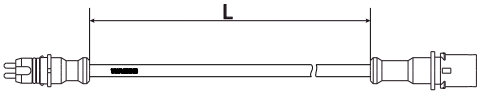
with open end (replacement for 894 590 XXX 2)			
	Part Number	L [m]	Cable ends type
	449 715 015 0	1.5	Sensor plug 2-pin  open 2-strand with push-on contacts and PG screw connection 2 x 0.75 mm <sup>2</sup>
	449 715 020 0*	2	
	449 715 030 0	3	
	449 715 050 0	5	
	449 715 065 0	6.5	
	449 715 080 0	8	
	449 715 100 0	10	
	449 715 120 0	12	
	449 715 150 0	15	

# Sensor cable

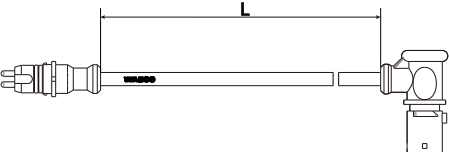
## with open end

	Part Number	L [m]	Cable ends type	
	449 714 010 0	1	Sensor socket 2-pin	open 2-strand 2 x 0.75 mm <sup>2</sup>
	449 714 028 0	2.8		
	449 714 047 0	4.7		
	449 714 061 0	6.1		
	449 714 075 0	7.5		
	449 714 087 0	8.7		
	449 714 100 0	10		
	449 714 130 0	13		

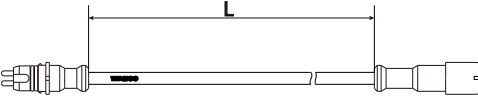
## Extension cable (replacement for 894 590 XXX 2)

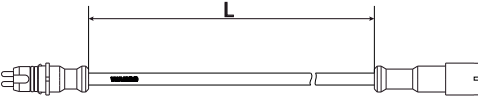
	Part Number	L [m]	Cable ends type	
	449 712 008 0	0.8	Sensor plug 2-pin	Sensor socket 2-pin
	449 712 012 0	1.2		
	449 712 018 0	1.8		
	449 712 023 0	2.3		
	449 712 030 0	3		
	449 712 035 0	3.5		
	449 712 038 0	3.8		
	449 712 040 0	4		
	449 712 051 0	5.1		
	449 712 060 0	6		
	449 712 064 0	6.4		
	449 712 070 0	7		
	449 712 080 0	8		
	449 712 090 0	9		
	449 712 100 0	10		
	449 712 120 0	12		
	449 712 130 0	13		
449 712 150 0	15			
449 712 200 0*	20			

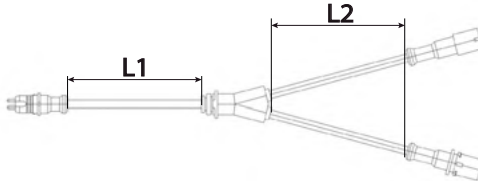
## Extension cable

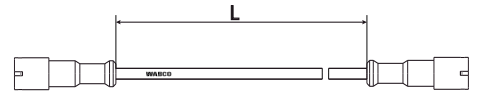
	Part Number	L [m]	Cable ends type	
	449 713 018 0	1.8	Sensor plug 2-pin	Sensor socket 2-pin
449 713 030 0	3			

# Sensor cable

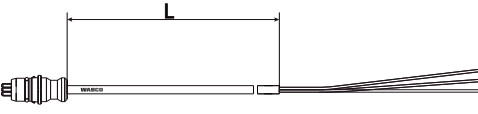
Extension cable				
	Part Number	L [m]	Cable ends type	
	449 755 010 0*	1	Sensor plug 2-pin	Sensor socket 2-pin
	449 755 019 0	1.9		
	449 755 023 0	2.3		
	449 755 025 0	2.5		
	449 755 029 0	2.9		

Extension cable				
	Part Number	L [m]	Cable ends type	
	449 757 020 0	2	Sensor plug orange 2-pin	Sensor socket orange 2-pin
	449 757 022 0	2.2		
	449 757 025 0	2.5		
	449 757 027 0	2.7		

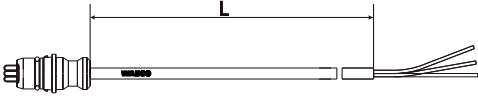
Y distributor					
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	894 590 075 0	0.1	0.15	Sensor plug 2-pin	2x sensor socket 2-pin

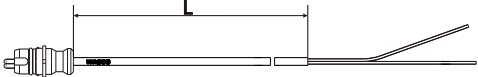
Adapter cable				
	Part Number	L [m]	Cable ends type	
	894 590 078 0*	2.5	Sensor socket 2-pin	Sensor socket 2-pin
	894 590 079 0*	2.5	Sensor socket orange 2-pin	Sensor socket orange 2-pin

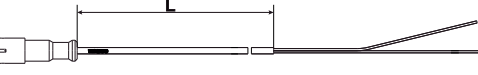
## 3-pin cable

with open end				
	Part Number	L [m]	Cable ends type	
	449 716 008 0	0.8	Sensor plug 3-pin	open 3-strand 3 x 0.6 mm <sup>2</sup>

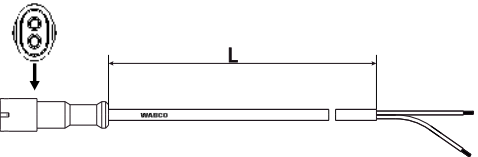
# Sensor cable

with open end				
	Part Number	L [m]	Cable ends type	
	449 718 005 0	0.5	Sensor plug 3-pin	open 3-strand 3 x 0.5 mm <sup>2</sup>
	449 718 020 0	2		
	449 718 025 0	2.5		
	449 718 050 0	5		
	449 718 060 0	6		
	449 718 150 0	15		
	449 718 160 0	16		
	449 718 180 0	18		

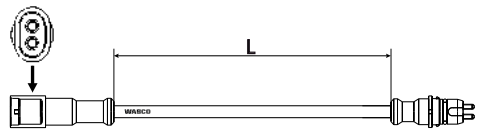
with open end				
	Part Number	L [m]	Cable ends type	
	449 728 040 0	4	Sensor plug 3-pin	open 2-strand 2 x 0.6 mm <sup>2</sup>
	449 728 065 0*	6.5		

with open end				
	Part Number	L [m]	Cable ends type	
	449 729 040 0	0.4	Sensor socket 3-pin	open 2-strand 2 x 0.6 mm <sup>2</sup>
	449 729 065 0*	6.5		

## 2-pin cable (oval connector)

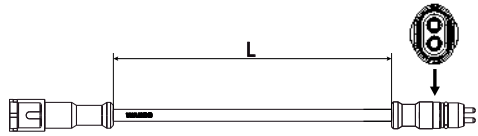
with open end				
	Part Number	L [m]	Cable ends type	
	894 590 019 2*	13	Sensor socket (oval) 2-pin	open 2-strand 2 x 0.75 mm <sup>2</sup>
	894 590 020 2*	10		
	894 590 021 2*	8.7		
	894 590 022 2*	6.1		
	894 590 023 2*	4.7		
	894 590 024 2*	2.8		
	894 590 163 2*	7.5		

## Adapter cable

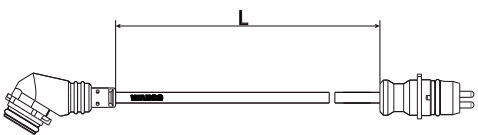
	Part Number	L [m]	Cable ends type	
	894 590 080 0*	1.5	Sensor socket (oval) 2-pin	Sensor plug 2-pin

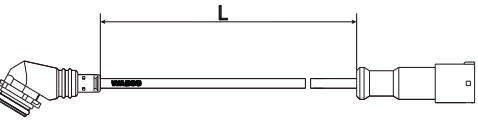
P

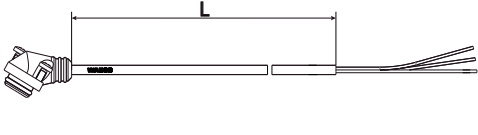
# Sensor cable

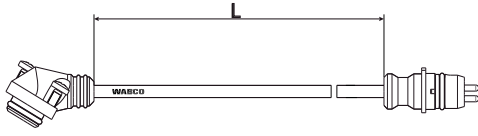
Adapter cable			
	Part Number	L [m]	Cable ends type
		894 590 081 0	1.5

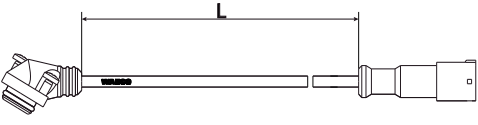
## BV cable

with sensor plug (2 pins assigned)				
	Part Number	L [m]	Cable ends type	
		449 726 015 0	1.5	Socket BVA 3-pin Sensor plug 3-pin
		449 726 023 0	2.3	

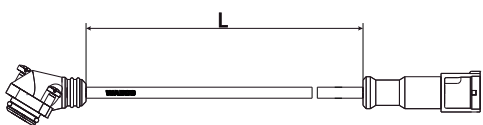
with sensor socket (2 pins assigned)				
	Part Number	L [m]	Cable ends type	
		449 725 015 0	1.5	Socket BVA 3-pin Sensor socket 3-pin
		449 725 022 0	2.2	

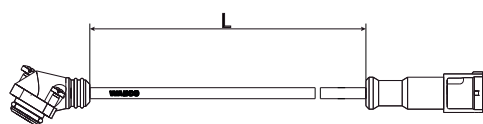
with open end				
	Part Number	L [m]	Cable ends type	
		449 753 012 0	1.2	Socket BVA 3-pin open 3-strand 3 x 0.6 mm <sup>2</sup>
		449 753 025 0	2.5	
		449 753 055 0	5.5	
		449 753 100 0	10	
		449 753 200 0	20	

with sensor plug				
	Part Number	L [m]	Cable ends type	
		449 736 015 0*	1.5	Socket BVA 3-pin Sensor plug 3-pin
		449 736 023 0*	2.3	

with sensor socket			
	Part Number	L [m]	Cable ends type
		449 739 022 0	2.2

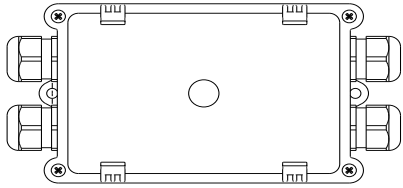
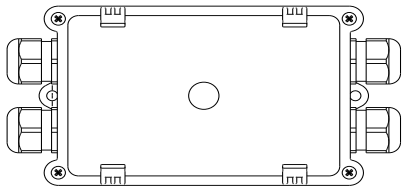
# Sensor cable

with sensor socket					
	Part Number	L [m]	Cable ends type		
	449 754 017 0*	1.7	Socket BVA 3-pin	Sensor socket 3-pin	
	449 754 035 0	3.5			

with sensor socket					
	Part Number	L [m]	Cable ends type		
	449 756 004 0*	0.4	Socket BVA 3-pin	Sensor socket 3-pin	
	449 756 007 0	0.7			
	449 756 013 0	1.3			
	449 756 015 0	1.5			
	449 756 017 0	1.7			
	449 756 022 0	2.2			
	449 756 023 0*	2.3			
	449 756 035 0	3.5			

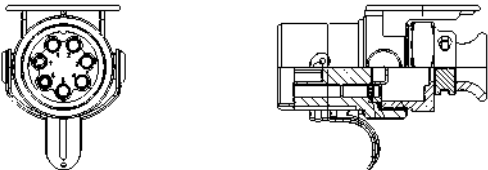
## 22 Miscellaneous

### Distribution box

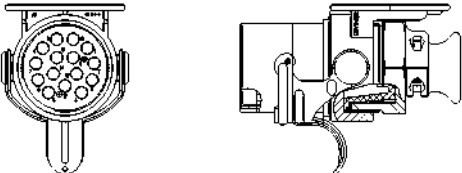
	Part Number	Design
	446 010 092 2	4x PG 16 for cable Ø 10 mm - 14 mm
	Part Number	Design
	446 122 633 0	4x M20 x 1.5 mm 10 flat connector 3.6 x 0.8 mm

### Connector

#### for drawbar trailers with ABS or EBS 7-pin


	Part Number	Design
	446 008 360 2	24 V connector for cable Ø 14.5 - Ø 15.5 (2 x 6 mm <sup>2</sup> / 3 x 1.5 mm <sup>2</sup> )
	446 008 371 2	24 V connector for cable Ø 10 - Ø 14 (2 x 6 mm <sup>2</sup> / 3 x 1.5 mm <sup>2</sup> )
	446 008 390 2	24 V connector for cable Ø 7 - Ø 12 (2 x 6 mm <sup>2</sup> / 3 x 1.5 mm <sup>2</sup> )
	446 008 391 2	24 V connector for cable Ø 10 - Ø 14 (2 x 4 mm <sup>2</sup> / 3 x 1.5 mm <sup>2</sup> )
	446 008 395 2	12 V connector for cable Ø 7 - Ø 12 (2 x 4 mm <sup>2</sup> / 3 x 1.5 mm <sup>2</sup> )
	446 008 396 2	12 V connector for cable Ø 10 - Ø 14 (2 x 6 mm <sup>2</sup> / 3 x 1.5 mm <sup>2</sup> )
446 008 414 2	24 V connector EBS for cable Ø 10 - Ø 14 (2 x 4 mm <sup>2</sup> / 5 x 1.5 mm <sup>2</sup> )	

#### for drawbar trailers 15-pin


	Part Number	Design
	446 008 421 2	24 V socket 2 x 2.5 mm <sup>2</sup> / 12 x 1.5mm <sup>2</sup>



## ABS plug with coiled cable to ISO 7638


	Part Number	Design
	446 008 233 0*	24 V connector ABS 5-pin "Classic" max. working length: 2.5 m
	446 008 234 0	24 V connector ABS 5-pin "Economy" max. working length: 2.5 m
	446 008 237 0*	12 V connector ABS 5-pin "Classic" max. working length: 2.5 m
	446 008 238 0	12 V connector ABS 5-pin "Economy" max. working length: 2.5 m
	446 008 240 0	24 V connector ABS 5-pin "Classic" max. working length: 3 m
	446 008 243 0	24 V connector ABS / EBS 7-pin "Classic" max. working length: 3 m
	446 008 244 0	24 V connector ABS / EBS 7-pin "Economy" max. working length: 3 m

## Coiled cable 15-pin ISO 12098

	Part Number	Design
	446 008 710 0	24 V connector 15-pin 10 x 1.5 mm / 3 x 2.5 mm / 2 x 1.5 mm

## Socket

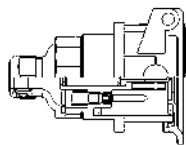
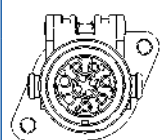
### for semitrailers with ABS or EBS

	Part Number	Design
	446 008 361 2	24 V socket for cable Ø 10 - Ø 14 (2 x 6 mm <sup>2</sup> / 3 x 1.5 mm <sup>2</sup> )
	446 008 380 2	24 V socket for cable Ø 7 - Ø 12 (2 x 4 mm <sup>2</sup> / 3 x 1.5 mm <sup>2</sup> )
	446 008 381 2	24 V socket for cable Ø 10 - Ø 14 (2 x 6 mm <sup>2</sup> / 3 x 1.5 mm <sup>2</sup> )
	446 008 385 2	12 V socket for cable Ø 7 - Ø 12 (2 x 4 mm <sup>2</sup> / 3 x 1.5 mm <sup>2</sup> )
	446 008 386 2	12 V socket for cable Ø 10 - Ø 14 (2 x 6 mm <sup>2</sup> / 3 x 1.5 mm <sup>2</sup> )
	446 008 404 2	24 V socket EBS for cable Ø 10 - Ø 14 (2 x 4 mm <sup>2</sup> / 5 x 1.5 mm <sup>2</sup> )



## Miscellaneous

### for semitrailers 15-pin



#### Part Number

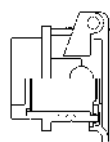
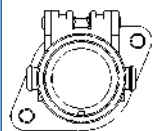
446 008 420 2

#### Design

24 V socket  
2 x 2.5 mm<sup>2</sup> / 12 x 1.5mm<sup>2</sup>

### Parking receptacle

#### for ABS plug



#### Part Number

446 008 600 2

#### Design

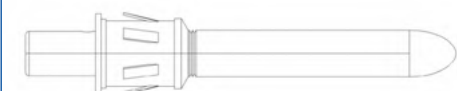
ABS parking receptacle 24 V ISO 7638

446 008 605 2

ABS parking receptacle 12 V ISO 7638

### Contact pin / sleeve

#### for ABS plug / socket

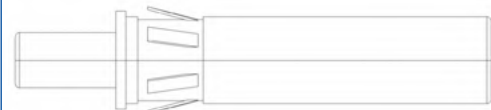


#### Part Number

446 008 310 4

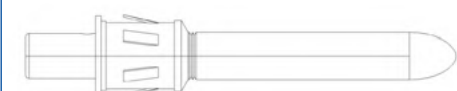
#### Design

Contact pin 1.5 mm<sup>2</sup> for ISO 7638



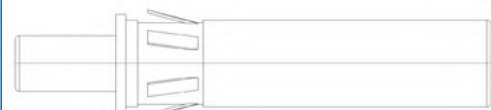
446 008 315 4

Contact bushing 1.5 mm<sup>2</sup> for ISO 7638



894 070 780 4



Contact pin 4.0 mm<sup>2</sup> for ISO 7638



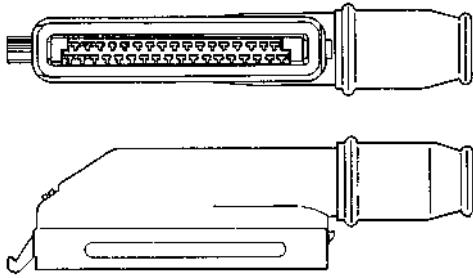
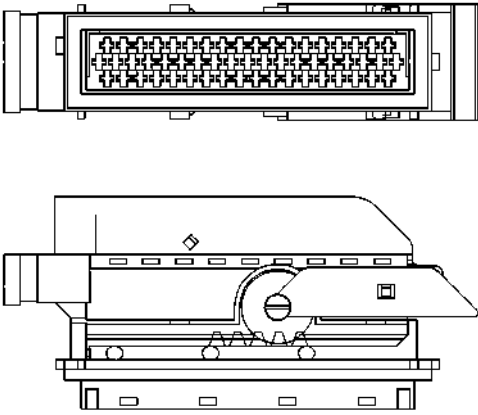
894 070 781 4

Contact bushing 4.0 mm<sup>2</sup> for ISO 7638

## Miscellaneous

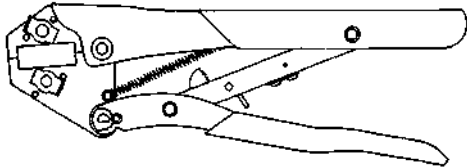
for ABS plug / socket		
	446 008 311 4	Contact pin 6.0 mm <sup>2</sup> for ISO 7638
	446 008 316 4	Contact bushing 6.0 mm <sup>2</sup> for ISO 7638

## Spring contact plug


for ABS plug		
	Part Number	Design
	446 009 001 2	Connector 35-pin 4-channel
	446 009 008 2	Connector 54-pin 6-channel

## Tools for ABS

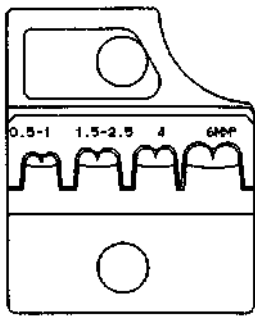
### Crimping tool for matrices

	Part Number	Design
	446 008 901 2	<i>Recommended for particularly frequent crimping of bushings/pins in the ISO 7638 coupling.</i>

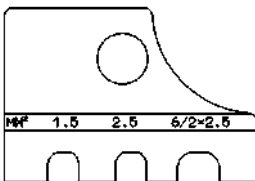
### Ejector for ISO 7638

	Part Number	Design
	884 026 261 4	<i>Ejector for ISO 7638</i>
	884 026 263 4	<i>Mounting sleeve</i>
	884 026 262 4	<i>Dismounting sleeve</i>

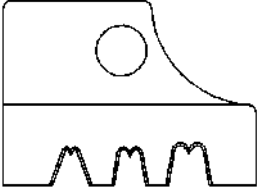
### Matrix for tab receptacle with locking shackle

	Part Number	Design	Crimping recess no. in the matrix	
	446 008 902 2	894 070 704 4	0.5 - 1.0 mm <sup>2</sup>	1
		894 070 705 4	1.5 - 2.5 mm <sup>2</sup>	2
		894 070 707 4	6.0 mm <sup>2</sup>	3

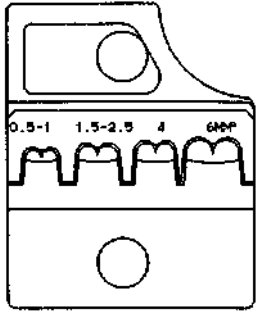
### Matrix for ABS power supply

	Part Number	Design	Crimping recess no. in the matrix	
	446 008 903 2	<i>Plug / socket</i>		
		446 008 310 4	1.5 mm <sup>2</sup>	1
		446 008 311 4	6.0 mm <sup>2</sup>	2
		446 008 315 4	1.5 mm <sup>2</sup>	3
	446 008 316 4	6.0 mm <sup>2</sup>	4	

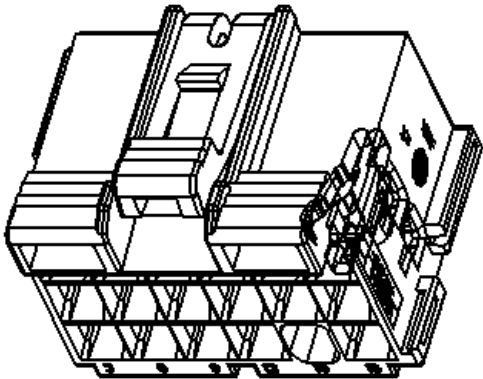
## Matrix for spring contact

	Part Number	Design	Crimping recess no. in the matrix
	446 008 906 2*	<i>in 35-pin plug, B / C ECU</i>	
894 510 297 4		1.5 mm <sup>2</sup>	1
894 510 298 4		2.5 mm <sup>2</sup>	2
<i>for remote control unit</i>			
894 511 346 4		0.5 mm <sup>2</sup>	1
894 070 666 4		1.0 mm <sup>2</sup>	1
<i>in 54-pin electronic plug</i>			
894 070 712 4		1.0 mm <sup>2</sup>	1
894 070 713 4		2.5 mm <sup>2</sup>	2
<i>for AMP plug enclosure</i>			
894 070 734 4	0.5 mm <sup>2</sup> - 1.0 mm <sup>2</sup>	1	
894 070 829 4	2.5 mm <sup>2</sup> - 2.5 mm <sup>2</sup>	2	
894 070 831 4	1.0 mm <sup>2</sup> - 2.5 mm <sup>2</sup>	1	

## Matrix for info module

	Part Number	Design	Crimping recess no. in the matrix
	446 008 902 2	<i>Tab receptacle for locking shackle</i> 811 540 008 4	2.8 mm <sup>2</sup> - 1.5 mm <sup>2</sup>

## AMP plug enclosure

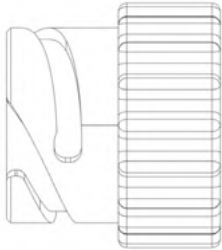
	Part Number	Coding	No. of pins:	Disconnection sensing
	894 110 088 2	A - D	17	yes
	894 110 091 4	B - C	18	no
	894 110 092 4	B - C	15	no
	894 110 093 4	B - C	12	no
	894 110 094 4	B - C	9	no
	894 110 095 4	B - C	6	no
	894 110 110 2	A - D	14	yes

\*Article not available

# Miscellaneous

## Protection cap

for DIN bayonet



**Part Number**

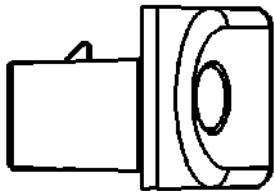
898 020 456 4

**Design**

2-pin  
3-pin  
4-pin

## Safety lamps

LED ABS warning lamp (in conjunction with cable 449 900 100 0)



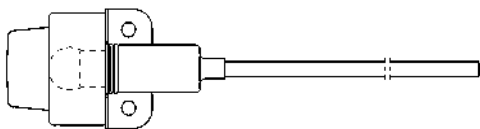
**Part Number**

446 105 523 2

**Design**

green  
external

**Signal light**



**Part Number**

446 105 537 2

**Design**

green  
exterior  
complete with cable:  
10 m  
2-strand (0.75 mm<sup>2</sup>)

## 23 WABCO regional offices

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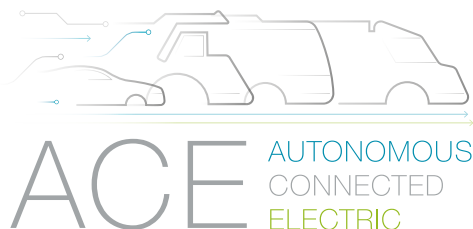
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## ZF Friedrichshafen AG

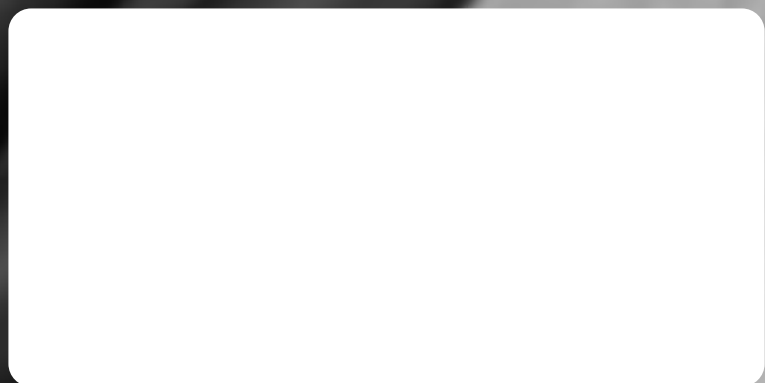
ZF is a global technology company and supplies systems for passenger cars, commercial vehicles and industrial technology, enabling the next generation of mobility. ZF allows vehicles to see, think and act. In the four technology domains Vehicle Motion Control, Integrated Safety, Automated Driving, and Electric Mobility, ZF offers comprehensive solutions for established vehicle manufacturers and newly emerging transport and mobility service providers. ZF electrifies different kinds of vehicles. With its products, the company contributes to reducing emissions and protecting the climate.

ZF, which acquired WABCO Holdings Inc. on May 29, 2020, now has 162,000 employees worldwide with approximately 260 locations in 41 countries. In 2019, the two then-independent companies achieved sales of €36.5 billion (ZF) and \$3.4 billion (WABCO).

With the integration of WABCO, the leading global supplier of braking control systems and other advanced technologies that improve the safety, efficiency and connectivity of commercial vehicles ZF will create a new level of capability to pioneer the next generation of solutions and services for original equipment manufacturers and fleets globally. WABCO, with almost 12,000 people in 40 locations worldwide, will now operate under the ZF brand as its new Commercial Vehicle Control Systems division.



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