



Cable overview



3rd Edition

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WABCO

Vehicle Control Systems

An American Standard Company

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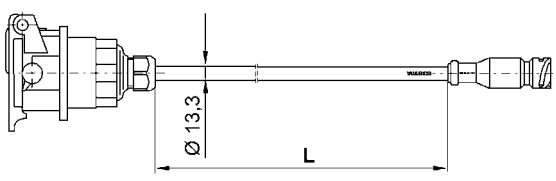
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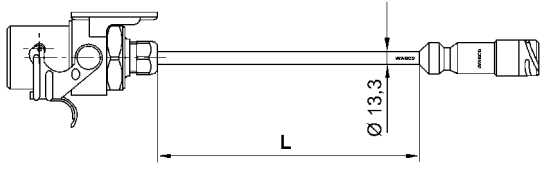
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Supply cable (two-piece, also for TCE)

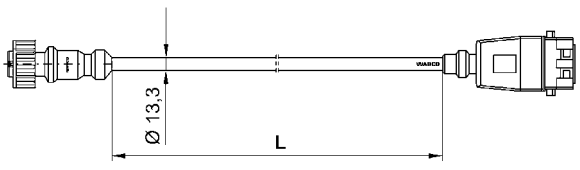
for semi trailers (combined with 449 333 ... 0) 24V

	Part number	L in m	cable end type	
	449 133 030 0	3	Socket ISO 7638	coupling 7-pin, mating part for 449 333 ... 0
	449 133 120 0	12		
	449 133 150 0	15		

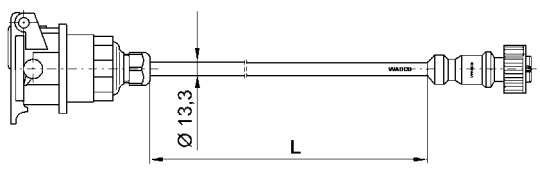
for drawbar trailers (combined with 449 333 ... 0) 24V

	Part number	L in m	cable end type	
	449 233 100 0	10	Plug ISO 7638	coupling 7-pin, mating part for 449 333 ... 0
	449 233 140 0	14		
	449 233 180 0	18		

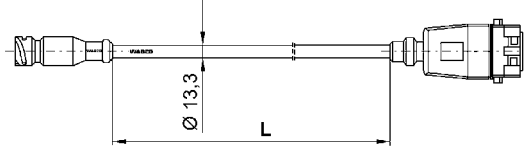
449 333 (combined with 449 133 ... 0 or 449 233 ... 0)

	Part number	L in m	cable end type	
	449 333 003 0	0.3	EBS electronic "Power"	Coupling socket 7-pin, mating part for 449 133 ... 0 449 233 ... 0
	449 333 025 0	2.5		

for semi trailers (combined with 449 335 ... 0) 24V

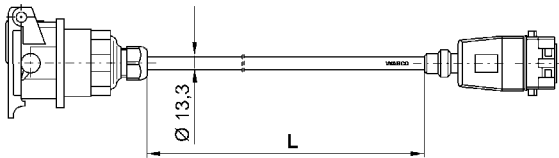
	Part number	L in m	cable end type	
	449 135 005 0	0.5	Socket ISO 7638	Coupling socket 7-pin, mating part for 449 335 ... 0

449 335 (combined with 449 135 ... 0)

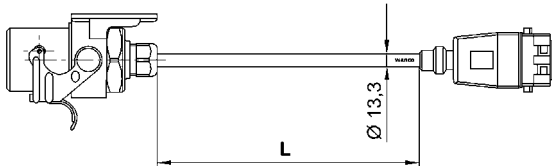
	Part number	L in m	cable end type	
	449 335 110 0	11	EBS electronic "Power"	coupling 7-pin, mating part for 449 135 ... 0
	449 335 140 0	14		

Supply cable (also for TCE)

for semi trailers (24V)

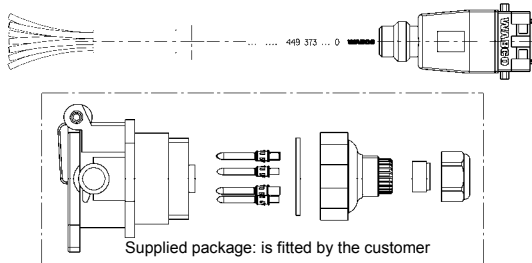
	Part number	L in m	cable end type	
	449 172 040 0	4	Plug ISO 7638	EBS electronic "Power"
	449 172 090 0	9		
	449 172 100 0	10		
	449 172 120 0	12		
	449 172 130 0	13		
	449 172 150 0	15		

for drawbar trailers (24V)

	Part number	L in m	cable end type	
	449 272 060 0	6	Plug ISO 7638	EBS electronic "Power"
	449 272 100 0	10		
	449 272 120 0	12		
	449 272 150 0	15		

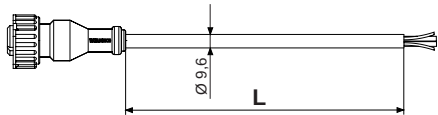
open supply cable

for semi trailers (24V)

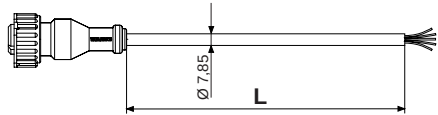
	Part number	L in m	cable end type	
	449 373 090 0	9	7-pin 5 x 1.5 mm ² 2 x 4.0 mm ² Bypack with socket ISO 7638	EBS electronic "Power"
	449 373 120 0	12		
	449 373 180 0	18		

EBS for trucks

supply - and data cable (4 pin)

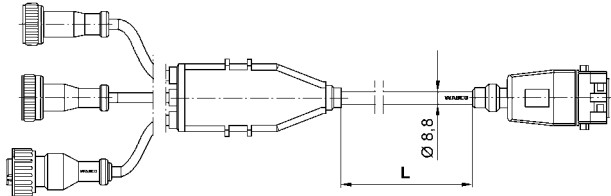
	Part number	L in m	cable end type	
	449 362 010 0	1	Socket DIN 72585 B1-4.1 SN/K1 I	4-pin 2 x 2.5 mm ² 2 x 0.56 mm ²
	449 362 100 0	10		

data cable (5 pin)

	Part number	L in m	cable end type	
	449 363 010 0	1	Socket Bayonet to DIN 72585 7 pin. 1-5 connected	5-pin 2 x 1.0 mm ² 3 x 0.50 mm ²
	449 363 030 0	3		
	449 363 050 0	5		
	449 363 100 0	10		

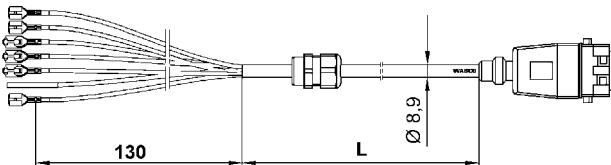
Solenoid cable

Relay valve (drawbar trailers) (3rd modulator)

	Part number	L in m	cable end type	
	449 372 030 0	3	Sockets Kostal 1x M 24x1 1x M 27x1 1x DIN 72585 B1-3.1-Sn/K1	EBS electronic "modulator"
	449 372 060 0	6		
	449 372 080 0	8		
	449 372 120 0	12		
	449 372 130 0	13		

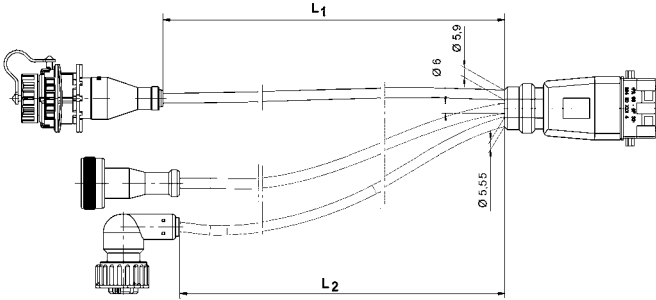
EBS-ECAS

for ECAS (for ECAS ECU 446 055 066 0)

	Part number	L in m	cable end type	
	449 382 010 0	1	PG 11 7-pin 3 x 1.5 mm ² 4 x 0.5 mm ² 6 with cable shell	EBS electronic "Diagnosis"
	449 382 015 0	1.5		
	449 382 060 0	6		
	449 382 080 0	8		
	449 382 090 0	9		

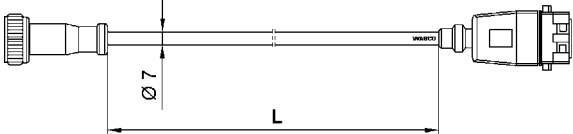
EBS-ELM (Electronical Levelling Module)

EBS-ELM + diagnostic + lifting axle valve

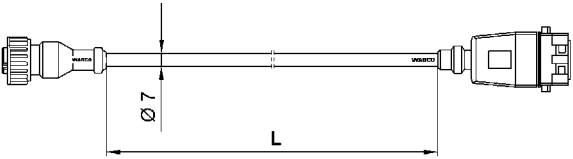
	Part number	L1 in m	L2 in m	cable end type		
	449 334 113 0	6	2	EBS electronic "Diagnosis"	Socket Diagnosis	Socket ELM and Kostal M 27 x 1

Solenoid cable

for ABS relay valve (3rd modulator)

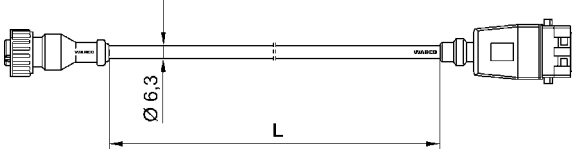
	Part number	L in m	cable end type	
	449 426 020 0	2	Socket Kostal M 24x1	EBS electronic "modulator"
	449 426 030 0	3		

for ABS relay valve (3rd modulator)

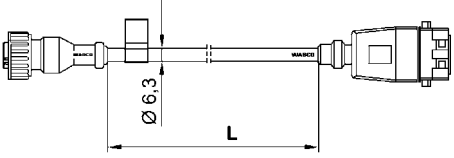
	Part number	L in m	cable end type	
	449 427 020 0	2	Socket Bayonet DIN 72585 B1-3.1-Sn/K1	EBS electronic "modulator"
	449 427 030 0	3		

Relay Emergency Valve

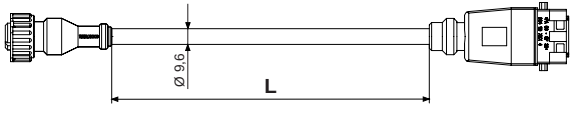
for relay emergency valve 971 002 802 0 only

	Part number	L in m	cable end type	
	449 472 030 0	3	Socket Bayonet DIN 72585 B2-4.1-Sn/K1	EBS electronic "REV"
	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		

Connection extern. brake pressure sensor and relay emergency valve 971 002 301 0

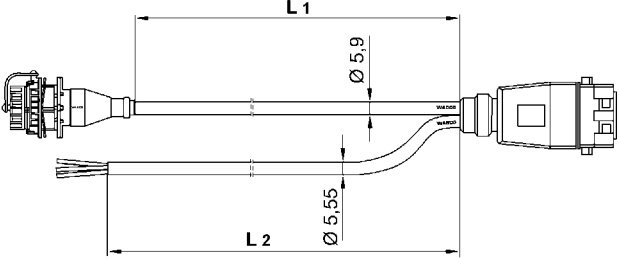
	Part number	L in m	cable end type	
	449 473 010 0	1	Socket Bayonet DIN 72585 B1-4.1-Sn/K1	EBS electronic "REV"
	449 473 030 0	3		
	449 473 050 0	5		
	449 473 080 0	8		
	449 473 120 0	12		
	449 473 130 0	13		
	449 473 145 0	14.5		

EBS D for Telematic

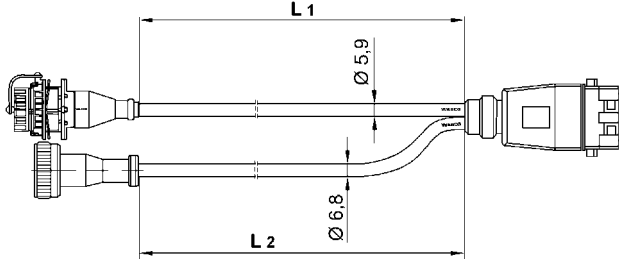
	Part number	L in m	cable end type	
	449 476 100 0	10	Socket Bayonet DIN 72585 B1-4.1-Sn/K1	EBS electronic "REV"
	449 476 180 0	18		

Diagnostic cable

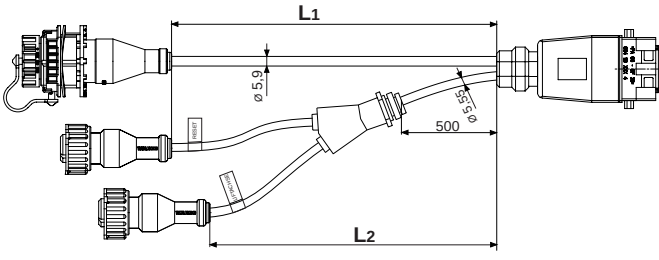
for Diagnosis and ISS or ILS

	Part number	L1 in m	L2 in m	cable end type		
	449 614 148 0	3	3	EBS electronic "Diagnosis"	Socket Diagnosis	3-pin 3 x 0.75 mm²
	449 614 153 0	6	3			
	449 614 253 0	6	6			
	449 614 295 0	8	8			

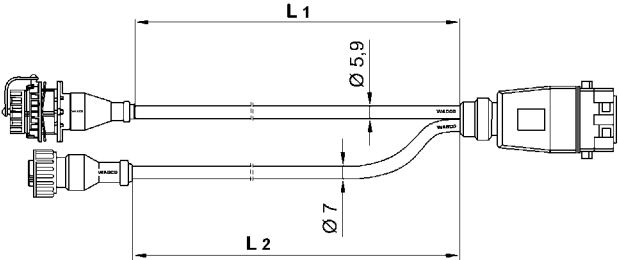
for Diagnosis and lift axle cont. valve

	Part number	L1 in m	L2 in m	cable end type		
	449 624 113 0	6	2	EBS electronic "Diagnosis"	Socket Diagnosis	Socket M 27x1

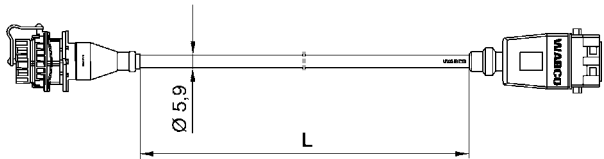
EBS „D“ for diagnosis, lifting axle valve and RTR-valve

	Part number	L1 in m	L2 in m	Kabelenden-Ausführung		
	449 663 043 0	1	1	EBS electronic "Diagnosis"	Socket Diagnosis	Socket Bayonet „lifting axle“ and Socket Bayonet „RTR“ valve
	449 663 243 0	6	1			
	449 663 249 0	6	3.5			
	449 663 303 0	10	1			

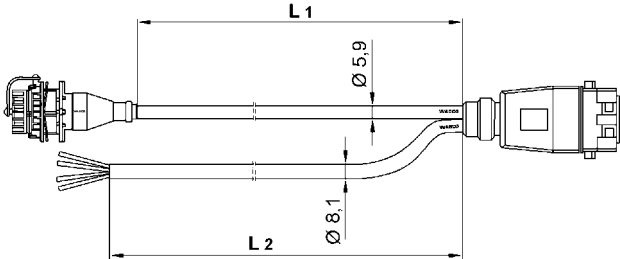
EBS „D“ for diagnosis and single-circuit lifting axle valve

	Part number	L1 in m	L2 in m	cable end type		
	449 664 050 0	4	1	EBS electronic "Diagnosis"	Socket Diagnosis	Socket Bayonet DIN 72585 B1-3.1-Sn/ K1
	449 664 190 0	4	4			
	449 664 253 0	6	6			

for diagnostic

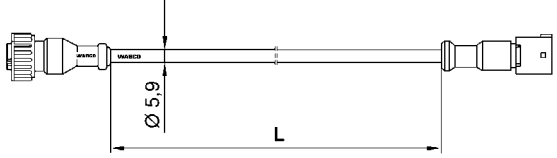
	Part number	L in m	cable end type	
	449 672 030 0	3	EBS electronic "Diagnosis"	Socket Diagnosis
	449 672 040 0	4		
	449 672 050 0	5		
	449 672 060 0	6		
	449 672 080 0	8		

EBS "D" for diagnosis and 24 N

	Part number	L1 in m	L2 in m	cable end type		
	449 684 153 0	6	3	EBS electronic "Diagnosis"	Socket Diagnosis	4-pin 2 x 0.5 mm ² 2 x 2.5 mm ²
	449 684 193 0	6	4			
	449 684 313 0	6	10			
	449 684 333 0	6	12			

Sensor cable EBS / VCS

for pressure sensor (extern. axle sensor)

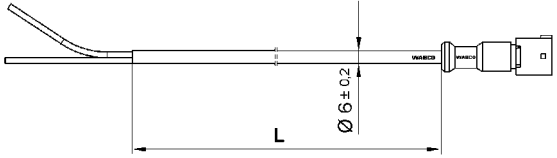
	Part number	L in m	cable end type	
	449 752 010 0	1	EBS electronic	Socket Bayonet DIN 72585 B1-3.1-Sn/K1
	449 752 020 0	2		
	449 752 030 0	3		
	449 752 050 0	5		
	449 752 060 0	6		
	449 752 080 0	8		
	449 752 100 0	10		
	449 752 120 0	12		

449 712 ... 0 / 449 713 ... 0
extension cable EBS / VCS

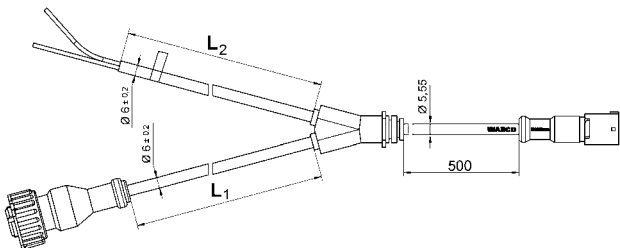
see VCS cable overview page 46

EBS D "traction help"

Cable for traction help (Variant 150 / traction help type TH)

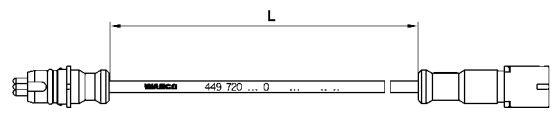
	Part number	L in m	cable end type	
	449 762 020 0	2	EBS electronic	2-pin 2 x 0.75 mm ²
	449 762 030 0	3		
	449 762 080 0	8		
	449 762 150 0	15		

Cable for traction help button and solenoid valve (Residual pressure holding = Traction help type TH+)

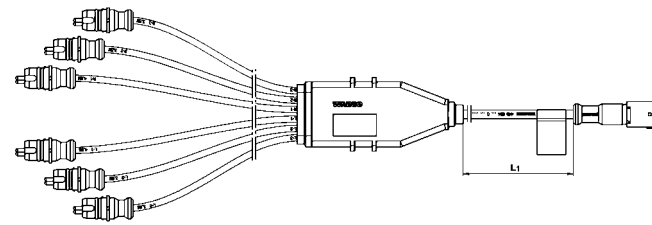
	Part number	L1 in m	L2 in m	cable end type		
	449 764 348 0	3	15	EBS electronic	2-pin 2 x 0.75 mm ²	Socket Bayonet DIN 72585 B1-2.1- Sn/K1

EBS - Wear indicator

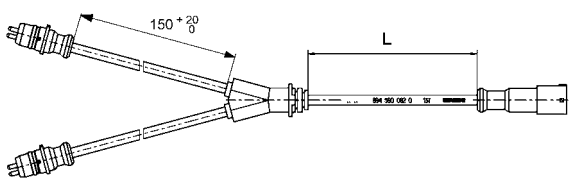
Extension cable

	Part number	L in m	cable end type	
	449 720 010 0	1	EBS electronic	coupling plug
	449 720 050 0	5		

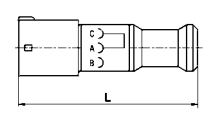
Cable from EBS modulator to brake calliper

	449 834 013 0	1.3	EBS electronic	coupling plug
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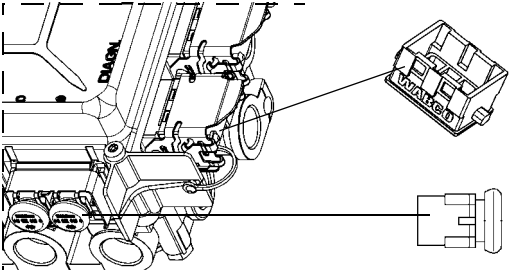
Cable Y-distributor

	894 590 082 0	0.1	EBS electronic	coupling plug
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Plug (required to close up cable-end)

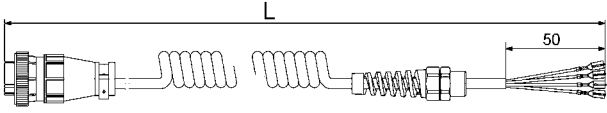
	Part number	L in m		
	441 902 312 2	0.056		

Accessories**for EBS modulator**

	Part number	Connector housing
	894 110 139 2	with sealing ring for plug body
	441 032 043 4	for sensor

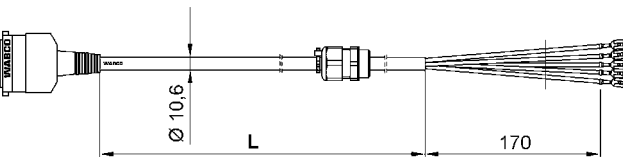
Cable spiral

for "trailer" remote control unit 446 056 0.. 0 only

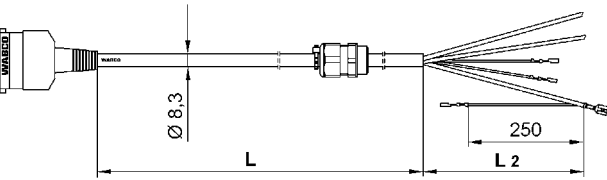
	Ordering number	L in m	cable end type	
	446 056 231 2	0.750	Plug ECAS	PG 7 with cable shell 4 x 0.25 mm ²
	446 056 232 2	0.845	Plug ECAS	PG 7 with cable shell 6 x 0.25 mm ²

Power supply cable

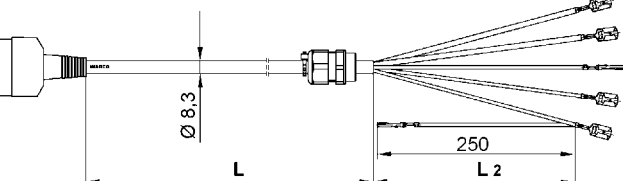
ECAS-VCS supply cable (obsolet, only for ECAS ECU 446 055 060 0 and 446 055 070 0)

	Part number	L in m	cable end type	
	449 322 010 0	1	VCS-electronic "Power"	PG 16
	449 322 060 0	6		5 crimps 3 x 1.5 mm ² 2 x 4 mm ²

ECAS-VCS supply cable (obsolet, only for ECAS ECU 446 055 060 0 and 446 055 070 0)

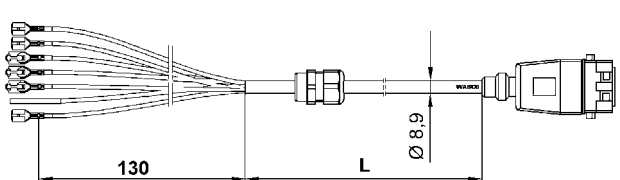
	Part number	L in m	L 2 in mm	cable end type	
	449 622 010 0	1	2 x 300 2 x 100 1 x 270	VCS-electronic "Diagnosis"	PG 11 3 x 0.5 mm ² 2 x 2.5 mm ² 1 x 0.75 mm ² 4 with crimps
	449 622 060 0	6			

ECAS-VCS supply cable (for ECAS ECU 446 055 065 0)

	Part number	L in m	L 2 in mm	cable end type	
	449 323 010 0	1	1 x 80 4 x 250	VCS-electronic "Diagnosis"	PG 11 6 crimps 4 x 0.5 mm ² 2 x 2.5 mm ²
	449 323 015 0	1.5			
	449 323 060 0	6			

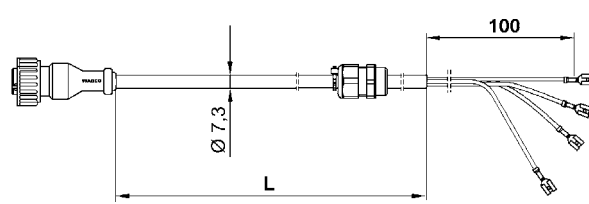
ECAS-EBS

ECAS-EBS supply cable (for ECAS ECU 446 055 066 0)

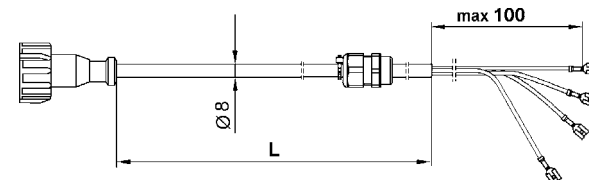
	Part number	L in m	cable end type	
	449 382 010 0	1	EBS electronic "Diagnosis"	PG 11 7-pin 3 x 1.5 mm ² 4 x 0.5 mm ² 6 with cable shell
	449 382 015 0	1.5		
	449 382 060 0	6		
	449 382 080 0	8		
	449 382 090 0	9		

Solenoid cable

Solenoid valve

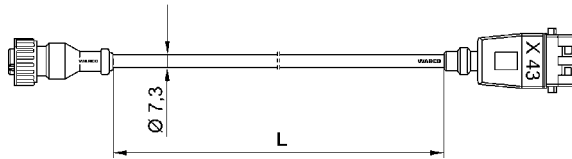
	Part number	L in m	cable end type	
	449 422 010 0	1	Socket Bayonet DIN 72585 B1-4.1-Sn/K1	PG 11 4 crimps 4 x 1 mm ²
	449 422 030 0	3		
	449 422 050 0	5		
	449 422 060 0	6		
	449 422 100 0	10		
	449 422 200 0	20		

Solenoid valve (old)

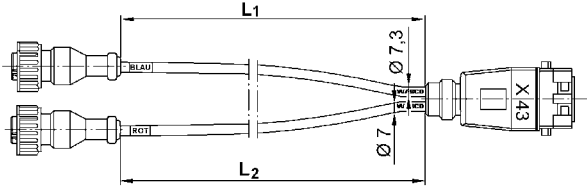
	Part number	L in m	cable end type	
	894 601 038 2	4	Socket Bayonet	PG 11 4 crimps 4 x 1 mm ²

ECAS-TCE

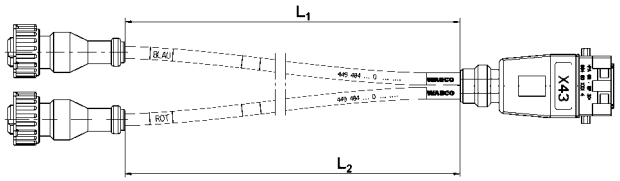
TCE solenoid valve (socket "X43")

	Part number	L in m	cable end type	
	449 483 015 0	1.5	TCE- electronic "X43"	Socket DIN 72585- B1-4.1-Sn/K1 for ECAS solenoid valve
	449 483 025 0	2.5		

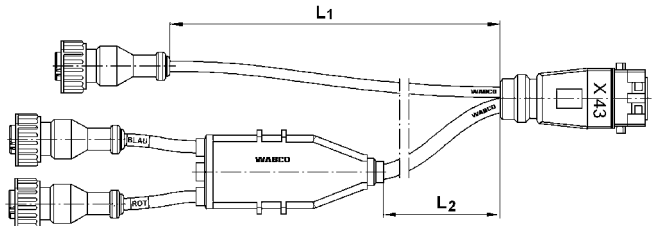
TCE solenoid valve (socket "X43") with one lifting axle

	Part number	L1 in m	L2 in m	cable end type	
	449 484 085 0	1.5	1.5	TCE- electronic "X43"	2 sockets DIN 72585- for ECAS solenoid valve B1-3.3-Sn/K1
	449 484 127 0	2.5	2.5		for solenoid valve lifting axle control B1-4.1-Sn/K1

TCE solenoid valve (socket "X43") with one lifting axle

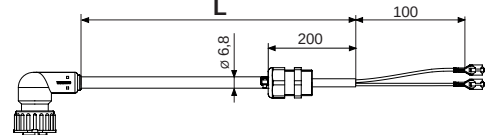
	Part number	L1 in m	L2 in m	cable end type	
	449 485 106 0	1.5	1.5	TCE- electronic "X43"	2 sockets DIN 72585- for ECAS solenoid valve B1-4.1-Sn/K1 for solenoid valve lifting axle control B1-2.1-Sn/K1

TCE solenoid valve (socket "X43") with two lifting axles

	Part number	L1 in m	L2 in m	cable end type	
	449 494 025 0	1.5	0.4	TCE- electronic "X43"	3 sockets DIN 72585- for ECAS solenoid valves B1-3.3-Sn/K1 for solenoid valve lifting axle control B1-4.1-Sn/K1 and solenoid valve 2nd lifting axle B1-2.1-Sn/K1

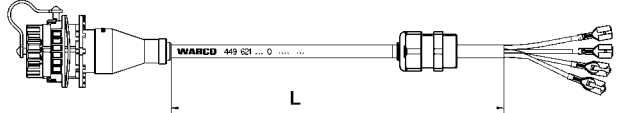
Batterie box

ECAS Cable batterie box

	Part number	L in m	cable end type	
	449 517 060 0	6	Socket Bayonet for Batterie box	PG 11 2 x 1.5 mm² with crimps

Diagnostic cable

ECAS diagnosis cable

	Part number	L in m	cable end type	
	449 621 010 0	1	Socket Diagnosis	PG 11 4 x 1.0 mm² with crimps
	449 621 060 0	6		
	449 621 080 0	8		

Cable remote control

ECAS Remote Control Unit

	Part number	L in m	cable end type	
	449 632 015 0	1.5	PG 11 4 x 0.5 mm ² with crimps	Socket "ECAS Remote Control Unit"
	449 632 050 0	5		
	449 632 080 0	8		
	898 020 319 2	–	Cover for socket	

TCE - ECAS remote control (socket "X41")

	Part number	L1 in m	L2 in m	cable end type	
	449 634 232 0	5	5	2 sockets ECAS Remote Control Unit	TCE- electronic "X41"
	449 634 239 0	18	5		
	449 634 278 0	15	7		
	449 634 316 0	10	10		

TCE - ECAS remote control (socket "X41")

	Part number	L in m	cable end type	
	449 635 050 0	5	TCE- electronic "X41"	Socket ECAS Remote Control Unit
	449 635 070 0	7		

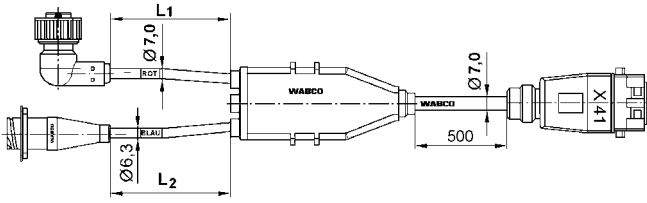
ECAS remote control box

	Part number	L in m	Kabelenden-Ausführung	
	449 637 050 0	5	Socket Bayonet for remote control box	PG 11 3 x 1.5 mm ² 4 x 0.5 mm ² with crimps

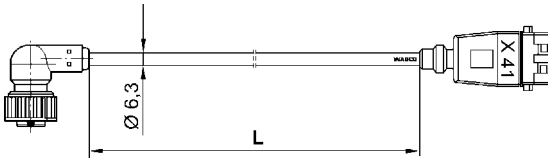
TCE - ECAS remote control box ("X21")

	Part number	L in m	Kabelenden-Ausführung	
	449 903 050 0	5	Socket for ECAS remote control box 446 156 000 0	TCE- electronic "X21"
	449 903 090 0	9		

TCE - ECAS remote control box and remote control ("X41")

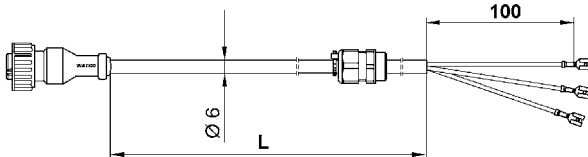
	Part number	L1 in m	L2 in m	cable end type	
	449 654 232 0	5	5	Socket for ECAS remote control	TCE-electronic „X41“
	449 654 252 0	5	6	Socket Bayonet for ECAS remote control box	

TCE - ECAS remote control box ("X41")

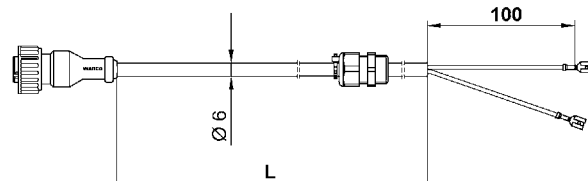
	Part number	L in m	cable end type	
	449 655 050 0	5	Socket Bayonet for ECAS remote control box	TCE-electronic „X41“

Sensor cable (replacement for 894 590 ... 2)

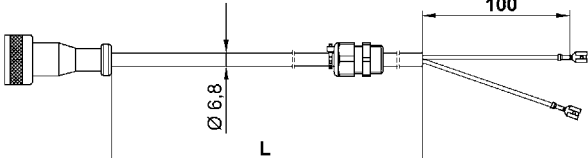
Pressure sensor

	Part number	L in m	cable end type	
	449 732 030 0	3	Socket Bayonet DIN 72585 B1-3.1-Sn/K1	PG 11
	449 732 060 0	6		3 crimps 3 x 0.5 mm ²
	449 732 100 0	10		

Height sensor

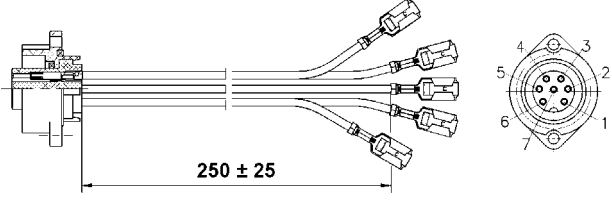
	Part number	L in m	cable end type	
	449 742 010 0	1	Socket Bayonet DIN 72585 B1-2.1-Sn/K1	PG 11
	449 742 030 0	3		2 crimps 2 x 0.75 mm ²
	449 742 050 0	5		
	449 742 060 0	6		
	449 742 100 0	10		
	449 742 150 0	15		

Height sensor and solenoid valve

	Part number	L in m	cable end type	
	894 604 215 2	5	Socket Kostal M 27 x 1	PG 11 2 crimps 2 x 1.5 mm ²

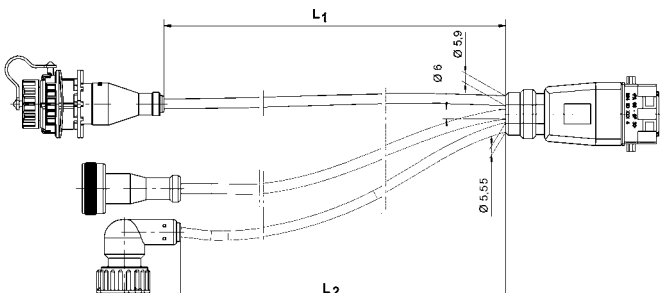
Accessories

ECAS wiring harness

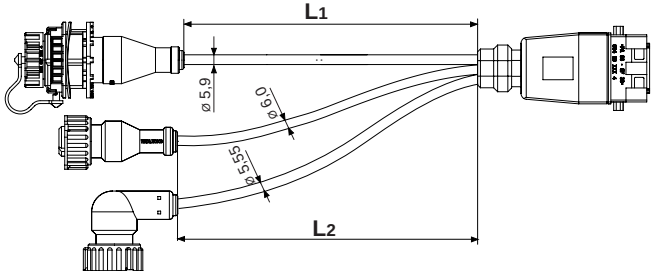
	Ordering number	not used chamber in plug	cable end type
	894 604 630 2	2 and 4	plug body 894 110 056 2 and 5 crimps 5 x 0.75 mm ²

ELM (Electronical Levelling Module)

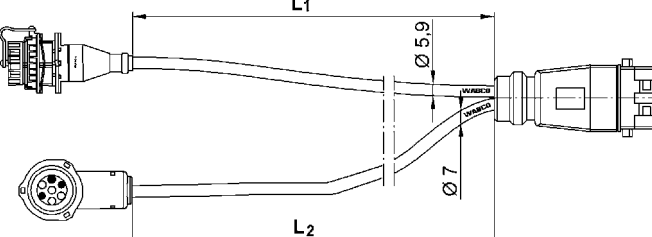
ELM- EBS + diagnostic + lifting axle valve

	Part number	L1 in m	L2 in m	cable end type		
	449 334 113 0	6	2	EBS electronic "Diagnosis"	Socket Diagnosis	Socket ELM and Kostal M 27 x 1

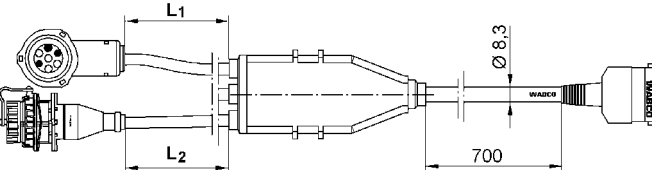
Power supply ELM / diagnostic EBS / lifting axle valve

	Part number	L1 in m	L2 in m	cable end type		
	449 554 113 0	6	2	EBS electronic "Diagnosis"	Socket Diagnosis	Socket Bayonet ELM and Socket Bayonet lifting axle valve

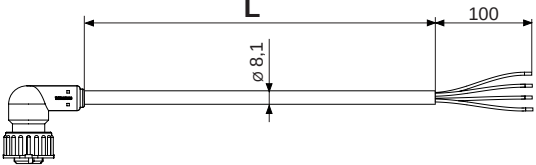
ELM - EBS + diagnostic

	Part number	L1 in m	L2 in m	cable end type		
	449 344 246 0	6	2	EBS electronic "Diagnosis"	Socket Diagnosis	Socket ELM
	449 344 253 0	6	6			

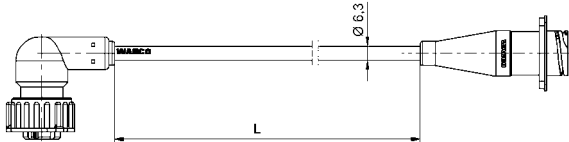
ELM - VCS + diagnostic

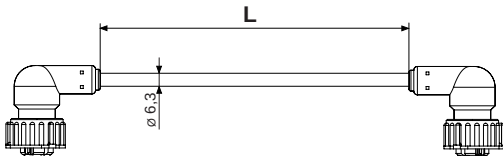
	Part number	L1 in m	L2 in m	cable end type		
	449 354 253 0	6	6	VCS- electronic "Diagnosis"	Socket Diagnosis	Socket ELM

For trucks

ELM cable for trucks				
	Part number	L in m	cable end type	
	449 355 060 0	6	Socket ELM	2 x 2.5 mm ² 2 x 0.5 mm ²

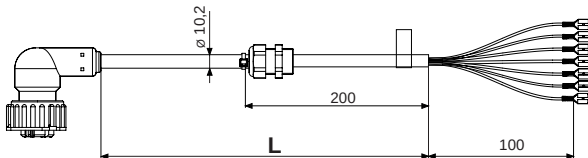
Cable remote control

ELM cable remote control				
	Part number	L in m	cable end type	
	449 633 060 0	6	Socket Remote control unit	Socket ELM

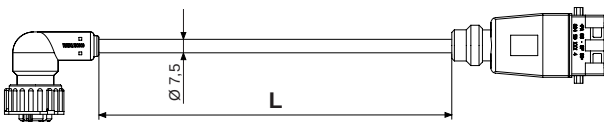
ELM remote control box IRCU				
	Part number	L in m	cable end type	
	449 638 060 0	6	Socket Bayonet ELM	Socket Bayonet remote control box

IVTM ECU for trailer

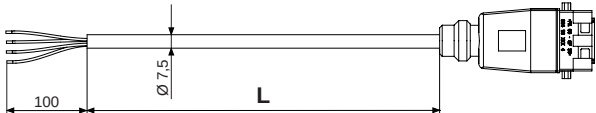
cable IVTM

	Part number	L in m	cable end type	
	449 376 070 0	7	Socket Bayonet „IVTM“	7 x 0.5 mm ² with crimps

cable IVTM / EBS

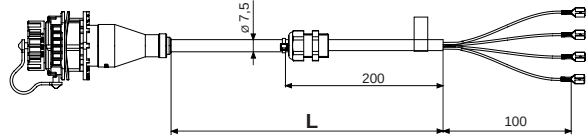
	Part number	L in m	cable end type	
	449 377 030 0	3	Socket Bayonet „IVTM“	EBS D electronic

cable IVTM / EBS

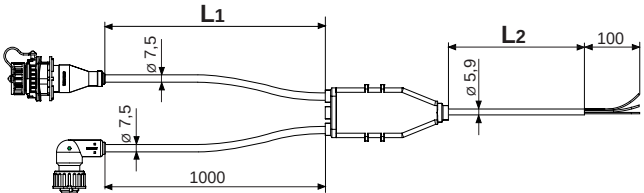
	Part number	L in m	cable end type	
	449 378 030 0	3	4-pin 4 x 0.5 mm ²	EBS D electronic

Diagnostic cable

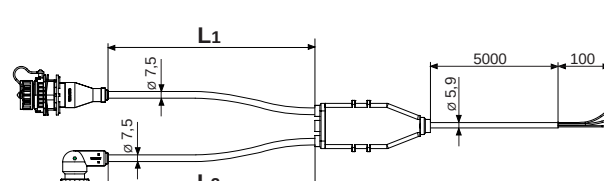
IVTM diagnosis cable

	Part number	L in m	cable end type	
	449 601 060 0	6	Socket Diagnosis	4-pin 4 x 0.5 mm ² with crimps

IVTM + diagnosis for trailer

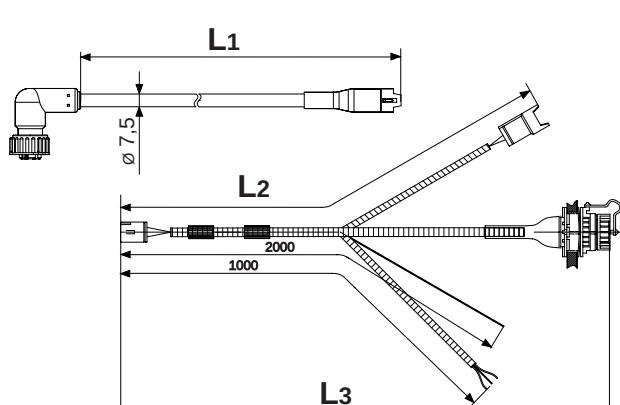
	Part number	L1 in m	L2 in m	cable end type		
	449 674 306 0	2	10	Socket Diagnosis	Socket Bayonet „IVTM“	3 -pin 3 x 0.5 mm ²

IVTM + diagnosis for Volvo trailer

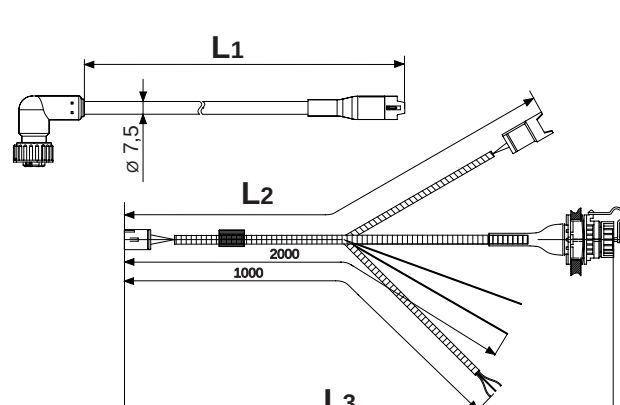
	Part number	L1 in m	L2 in m	cable end type		
	449 675 211 0	4.5	4.5	Socket Diagnosis	Socket Bayonet „IVTM“	3 -pin 3 x 0.5mm ²

IVTM wiring harness for trucks

cable IVTM bus 5-pin

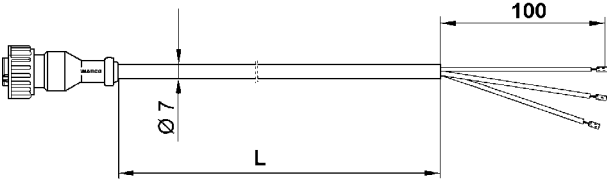
	Part number	L1 in m	L2 in m	L3 in m	cable end type	
	894 607 295 0	9	2.5	2	Socket Bayonet „IVTM“	Socket Display Socket Diagnosis 4 x 0.5 mm ²

cable IVTM trucks 7-pin

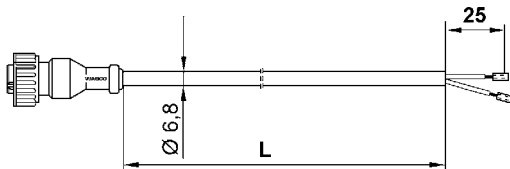
	Part number	L1 in m	L2 in m	L3 in m	cable end type	
	894 607 390 0	9	2.5	2	Socket Bayonet „IVTM“	Socket Display Socket Diagnosis 5 x 0.5 mm ²

Solenoid valves (in general)

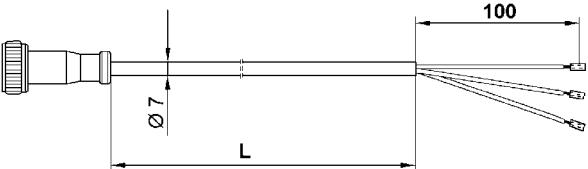
Solenoid valve

	Part number	L in m	cable end type	
	449 413 030 0	3	Socket DIN 72585 B1-3.1-Sn/K1	3-pin (3x1.5 mm ²) with cable shell
	449 413 040 0	4		
	449 413 050 0	5		
	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		

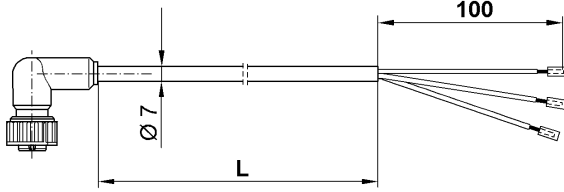
Solenoid valve

	Part number	L in m	cable end type	
	449 415 060 0	6	Socket DIN 72585 B1-2.1-Sn/K1	2-pin (2x1.5 mm ²) with cable shell
	449 415 080 0	8		
	449 415 100 0	10		

Solenoid valve

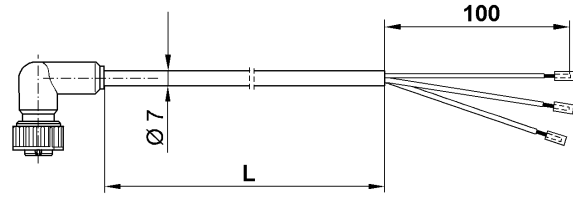
	Part number	L in m	cable end type	
	449 511 003 0	0.3	Socket Kostal M 24x1 3-pin	3-pin (3x1.5 mm ²) with cable shell
	449 511 008 0	0.8		
	449 511 060 0	6		
	449 511 090 0	9		
	449 511 120 0	12		
	449 511 150 0	15		

Solenoid valve

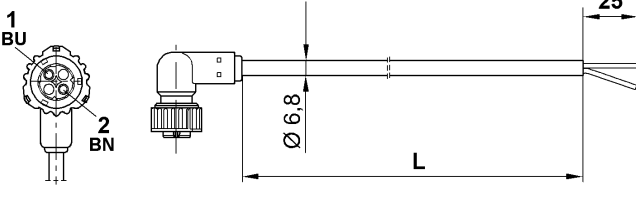
	Part number	L in m	cable end type	
	449 513 009 0	0.9	elbow socket DIN 72585 B1-3.1-Sn/K1	3-pin (3x1.5 mm ²) with cable shell
	449 513 040 0	4		
	449 513 050 0	5		
	449 513 060 0	6		
	449 513 080 0	8		
	449 513 090 0	9		
	449 513 100 0	10		
	449 513 120 0	12		
	449 513 150 0	15		
	449 513 160 0	16		

Solenoid valves (in general)

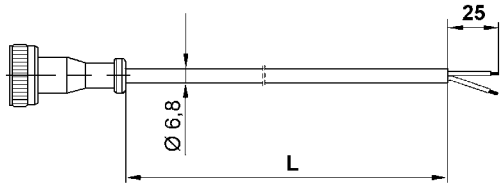
Solenoid valve

	Part number	L in m	cable end type	
	449 514 020 0	2	elbow socket DIN 72585 B2-3.1-Sn/K1	3-pin (3x1.5 mm ²) with cable shell
	449 514 100 0	10		
	449 514 120 0	12		
	449 514 150 0	15		

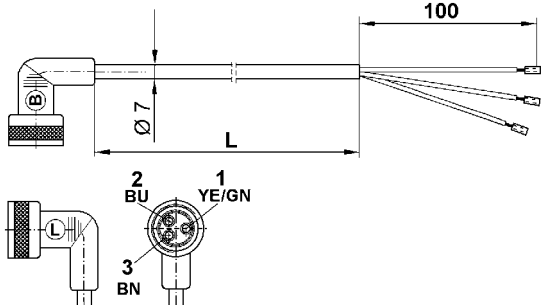
Solenoid valve / air dryer heating

	Part number	L in m	cable end type	
	449 515 004 0	0.4	elbow socket DIN 72585 B1-2.1-Sn/K1	2-pin (2x1.5 mm ²)
	449 515 010 0	1		
	449 515 020 0	2		
	449 515 050 0	5		
	449 515 100 0	10		
	449 515 120 0	12		
	449 515 150 0	15		

Solenoid valve

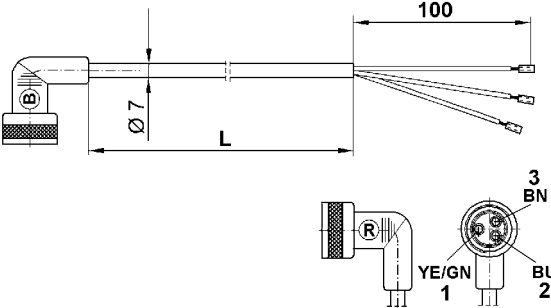
	Part number	L in m	cable end type	
	449 521 010 0	1	Socket Kostal M 27x1 (2-pin)	2-pin (2x1.5 mm ²) ends stripped 5 mm
	449 521 050 0	5		
	449 521 100 0	10		
	449 521 150 0	15		
	449 521 200 0	20		

Solenoid air dryer (US market)

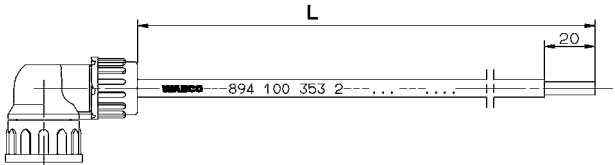
	Part number	L in m	cable end type	
	449 523 004 0	0.4	Socket Kostal M 24x1 (3-pin)	3-pin (3x1.5 mm ²) with cable shell
	449 523 060 0	6		
	449 523 090 0	9		
	449 523 120 0	12		

Solenoid valves (in general)

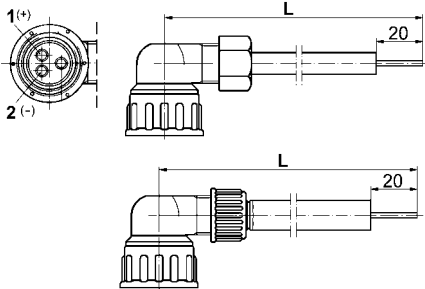
Solenoid air dryer (US market)

	Part number	L in m	cable end type	
	449 524 004 0	0.4	Socket Kostal M 24x1 (3-pin)	3-pin (3x1.5 mm ²) with cable shell
	449 524 060 0	6		
	449 524 090 0	9		
	449 524 120 0	12		

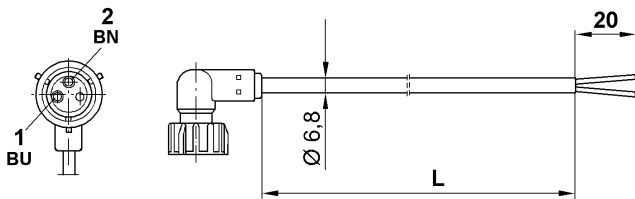
Solenoid valve / air dryer

	Part number	L in m	cable end type	
	894 100 353 2	5	elbow socket M 24x1 (2-pin)	2-pin (2x 1.0 mm ²)

Solenoid valve / air dryer

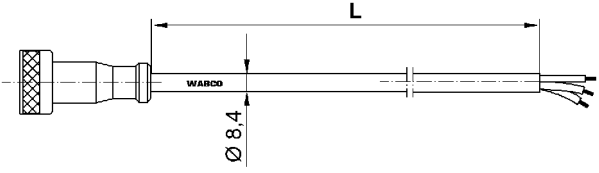
	Part number	L in m	cable end type	
	894 101 120 2	10	elbow socket PG 11, M 24x1 (2-pin)	2-pin (2x 1.0 mm ²)
	894 101 130 2	10		

Solenoid valve

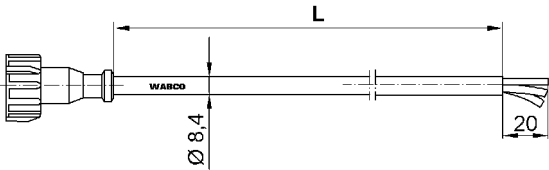
	Part number	L in m	cable end type	
	894 590 028 2	5	elbow socket Schlemmer bayonet (2-pin)	2-pin (2x1.5 mm ²)
	894 590 030 2	7		
	894 590 031 2	8		
	894 590 032 2	9		
	894 590 033 2	11		
	894 590 038 2	13		

Solenoid valves (in general)

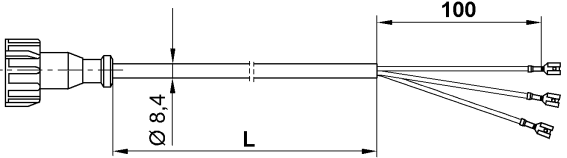
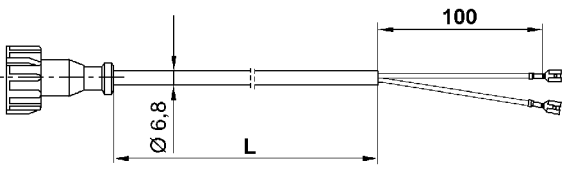
Solenoid valve

	Part number	L in m	cable end type	
	894 590 100 2	0.35	Socket Kostal M 24x1 (3-pin)	3-pin (3x1.5 mm ²) ends stripped 5 mm
	894 590 101 2	0.8		
	894 590 102 2	3		
	894 590 103 2	4		
	894 590 104 2	7.5		
	894 590 105 2	9		
	894 590 106 2	1.5		
	894 590 108 2	10.5		
	894 590 110 2	13		

Solenoid valve

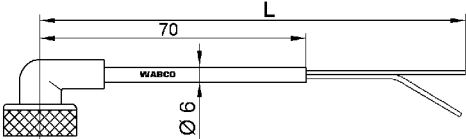
	Part number	L in m	cable end type	
	894 590 126 2	3	Socket Bayonet (3-pin)	3-pin (3x1.5 mm ²)
	894 590 127 2	4		
	894 590 128 2	5		
	894 590 129 2	6		
	894 590 130 2	7		
	894 590 131 2	8		
	894 590 132 2	9		
	894 590 133 2	11		
	894 590 134 2	13		

Solenoid valve

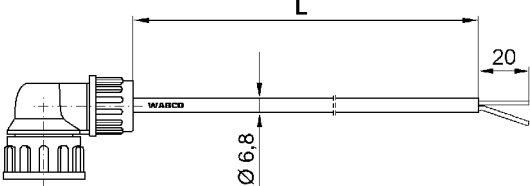
	Part number	L in m	cable end type	
	894 590 151 2	3	Socket Bayonet (3-pin)	3-pin (3x1.5 mm ²) with cable shell
	894 590 152 2	3	Socket Bayonet (2-pin)	2-pin (2x1.5 mm ²) with cable shell

Solenoid valves

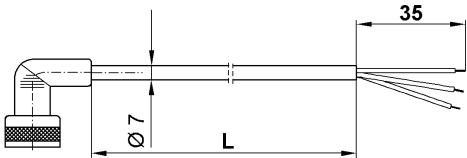
Air dryer heating

	Part number	L in m	cable end type	
	894 600 450 2	0.30	elbow socket Kostal M 24x1 (2-pin)	2-pin (2x1.5 mm ²)
	894 600 451 2	0.30	elbow socket Kostal M 27x1 (2-pin)	2-pin (2x1.5 mm ²)

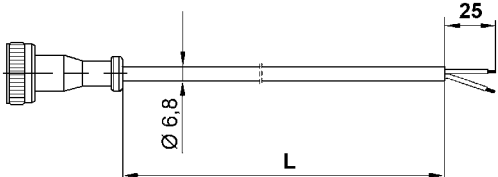
Solenoid valve / air dryer heating

	Part number	L in m	cable end type	
	894 600 454 2	5	elbow socket M 27x1 (2-pin)	2-pin (2x 1 mm ²)
	894 600 458 2	10		

Solenoid valve

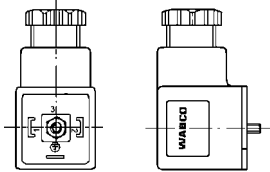
	Part number	L in m	cable end type	
	894 601 015 2	0.9	elbow socket Kostal M 24x1 (3-pin)	3-pin (3x1,5 mm ²) ends stripped 5 mm
	894 601 242 2	4.6		
	894 601 243 2	6		

Solenoid valve (replaced by 449 521 ... 0)

	Part number	L in m	cable end type	
	894 601 021 2	5	Socket Kostal M 27x1 (2-pin)	2-pin (2x1.5 mm ²) ends stripped 5 mm
	894 601 022 2	10		
	894 601 025 2	15		

Accessories

Plug solenoid valve



Part number

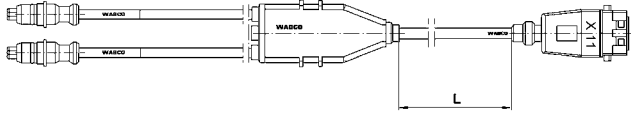
894 100 030 2

894 101 620 2

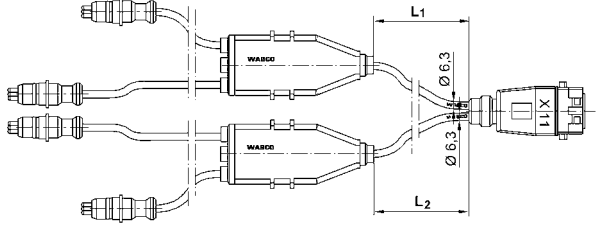
with diodes

Lining wear indicator cable (socket "X11")

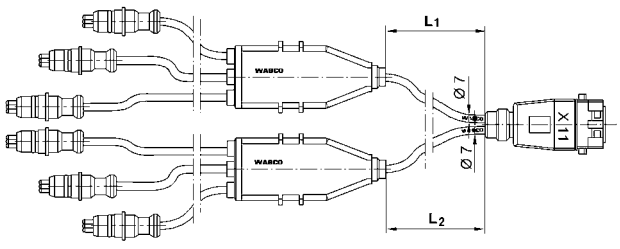
for one axle

	Part number	L in m	cable end type	
	449 874 010 0	1	sensor plug for axle 2x1	TCE- electronic "X11"

for two axles

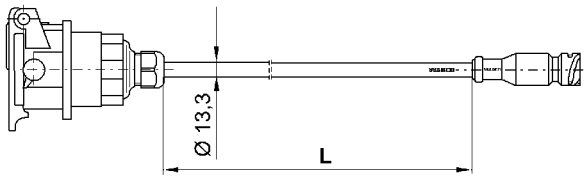
	Part number	L1 in m	L2 in m	cable end type	
	449 884 023 0	1	0.4	sensor plug for axle 2x2	TCE- electronic "X11"

for three axles

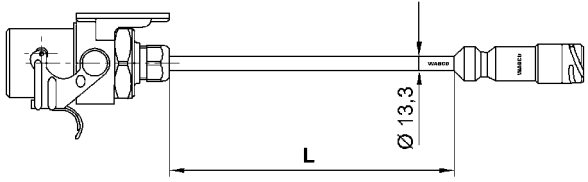
	Part number	L1 in m	L2 in m	cable end type	
	449 894 023 0	1	0.4	sensor plug for axle 2x3	TCE- electronic "X11"
	449 894 043 0	1	1		

Power supply cable, two-piece (socket "X12")

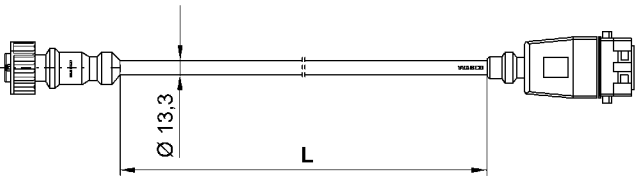
for semi trailers (combined with 440 333 ... 0) (24V)

	Part number	L in m	cable end type	
	449 133 030 0	3	Socket ISO 7638 7-pin ABS/EBS semi trailer	coupling 7-pin, mating part for 449 333... 0
	449 133 120 0	12		
	449 133 150 0	15		

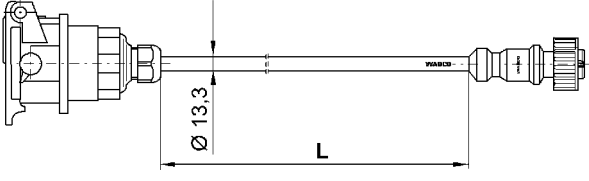
for drawbar trailer (combined with 449 333 ... 0) (24V)

	Part number	L in m	cable end type	
	449 233 100 0	10	Plug ISO 7638 7-pin ABS/EBS drawbar trailer	coupling 7-pin, mating part for 449 333... 0
	449 233 140 0	14		
	449 233 180 0	18		

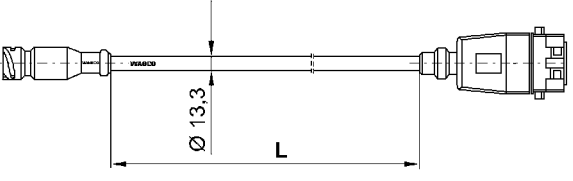
449 333 (combined with 449 133 ... 0 or 449 233 ... 0)

	Part number	L in m	cable end type	
	449 333 003 0	0.3	coupling Socket 7-pin, mating part for 449 133... 0 and 449 233 ... 0	TCE- electronic "X12"
	449 333 025 0	2.5		

for semi trailers (combined with 440 335 ... 0) (24V)

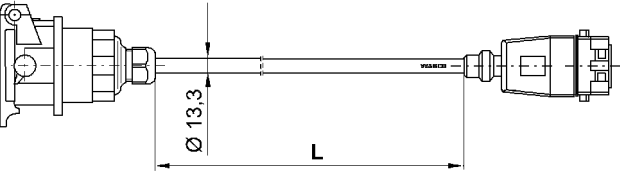
	Part number	L in m	cable end type	
	449 135 005 0	0.5	Socket ISO 7638 7-pin ABS/EBS semi trailer	coupling Socket 7-pin, mating part for 449 335 ... 0

449 335 (combined with 449 135 ... 0)

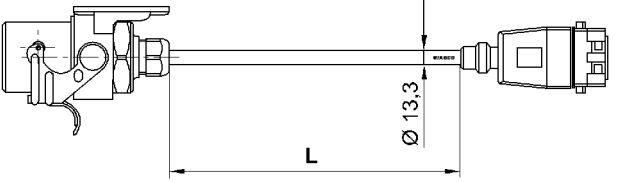
	Part number	L in m	cable end type	
	449 335 110 0	11	coupling 7-pin, mating part for 449 135 ... 0	TCE- electronic "X12"
	449 335 140 0	14		

Power supply cable (socket "X12")

Semi trailer (24V) 7 pin

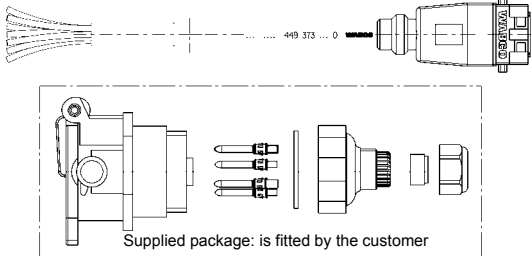
	Part number	L in m	cable end type	
	449 172 040 0	4	Socket ISO 7638 7-pin ABS/EBS semi trailer	TCE- electronic "X12"
	449 172 090 0	9		
	449 172 100 0	10		
	449 172 120 0	12		
	449 172 130 0	13		
	449 172 150 0	15		

drawbar trailer (24V) 7 pin

	Part number	L in m	cable end type	
	449 272 060 0	6	Plug ISO 7638 7-pin ABS/EBS drawbar trailer	TCE- electronic "X12"
	449 272 100 0	10		
	449 272 120 0	12		
	449 272 150 0	15		

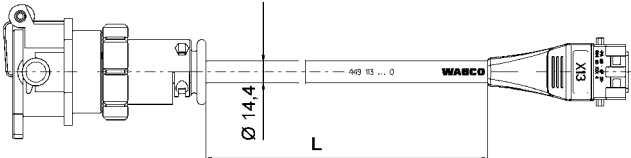
open supply cable

for semi trailers (24V)

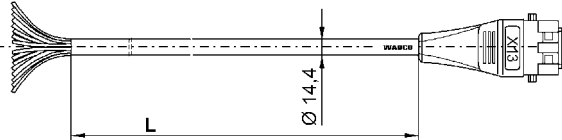
 Supplied package: is fitted by the customer	Part number	L in m	cable end type	
	449 373 090 0	9	7-pin 5x 1.5 mm ² 2x 4.0 mm ² Bypack with socket ISO 7638	EBS electronic "Power"
	449 373 120 0	12		
	449 373 180 0	18		

Power supply cable (socket "X13")

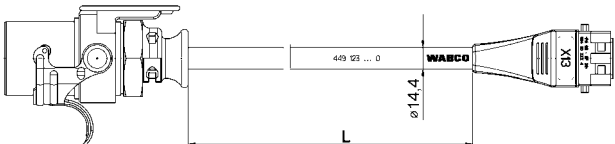
Semi trailer (24V) 15 pin

	Part number	L in m	cable end type	
	449 113 100 0	10	Socket ISO 12098 15-pin	TCE- electronic "X13"
	449 113 120 0	12		
	449 113 140 0	14		

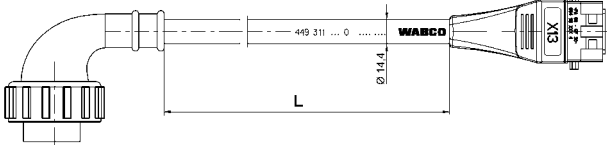
Power supply cable

	Part number	L in m	cable end type	
	449 121 120 0	12	15-pin (3x 2.5 mm ²) (12x 1.5 mm ²)	TCE- electronic "X13"

drawbar trailers (24V) 15 pin

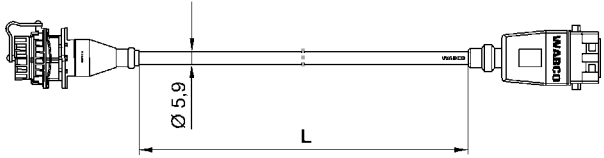
	Part number	L in m	cable end type	
	449 123 120 0	12	Plug ISO 12098 15-pin	TCE- electronic "X13"

Plug Hella

	Part number	L in m	cable end type	
	449 311 120 0	12	Plug Hella Trailer Systems	TCE- electronic "X13"

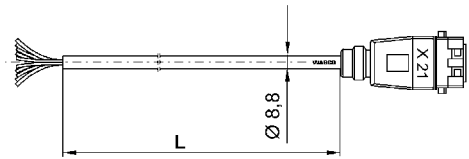
Diagnosis cable (socket "X14")

for connecting cable 446 300 329 2 or interface set 446 301 021 0

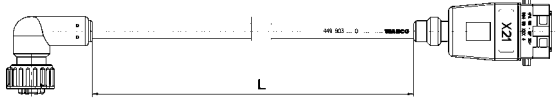
	Part number	L in m	cable end type	
	449 672 030 0	3	Socket for connection cable 446 300 329 2 or (interface set) 446 301 021 0	TCE- electronic "X14"
	449 672 040 0	4		
	449 672 050 0	5		
	449 672 060 0	6		
	449 672 080 0	8		
	449 672 090 0	9		

I/O Typ, extension (socket "X21")

I/O Typ, extension

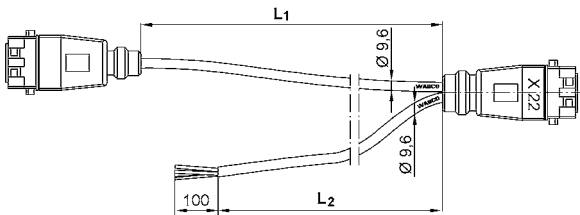
	Part number	L in m	cable end type	
	449 902 050 0	5	8-pin 5x 1 mm ² 3x 0.5 mm ²	TCE- electronic "X21"
	449 902 070 0	7		

ECAS control box

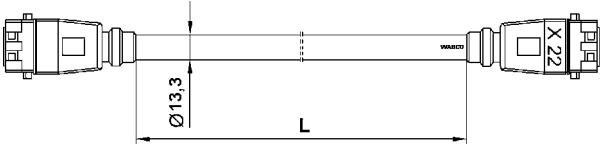
	Part number	L in m	cable end type	
	449 903 050 0	5	Socket for ECAS control box 446 156 000 0	TCE- electronic "X21"
	449 903 090 0	9		

EBS-trailer (socket "X22")

for EBS-Modulator and RGE (Retarder)

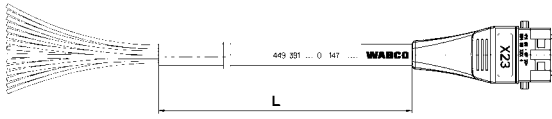
	Part number	L1 in m	L2 in m	cable end type	
	449 394 346 0	2	15	Plug EBS modulator and 2x 2.5 mm ² 2x 0.5 mm ² for RGE (Retarder)	TCE- electronic "X22"
	449 394 366 0	2	18		
	449 394 386 0	2	20		

for EBS-Modulator:

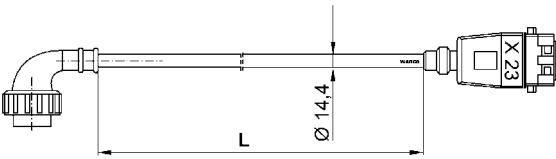
	Part number	L in m	cable end type	
	449 399 020 0	2	Plug EBS modulator	TCE- electronic "X22"
	449 399 100 0	10		

Standard vehicle lighting (socket "X23")

Underdriving protection lighting

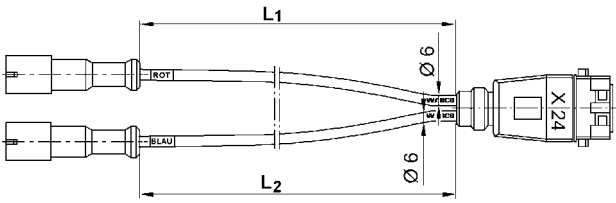
	Part number	L in m	cable end type	
	449 391 075 0	7.5	15-pin (3x 2.5 mm ²) (12x 1.5 mm ²)	TCE- electronic "X33"

for lighting carrier

	Part number	L in m	cable end type	
	449 392 075 0	7.5	Socket 15-pin for lighting carrier Hella	TCE- electronic "X33"

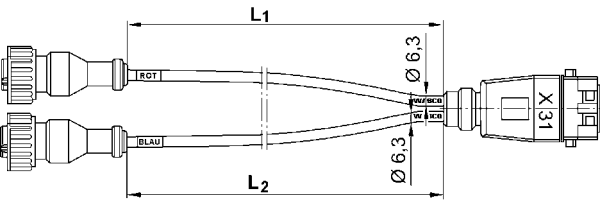
Side marker lamp (socket "X24")

Side marker lighting

	Part number	L1 in m	L2 in m	cable end type	
	449 904 190 0	4	4	2 sockets 2-pin for side marker lamp	TCE- electronic "X24"
	449 904 253 0	6	6		

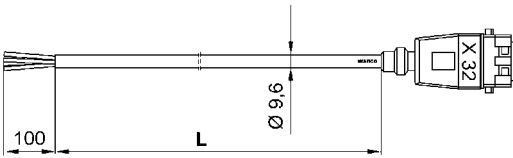
Ultra sonic sensors (socket "X31")

for ultra sonic sensors

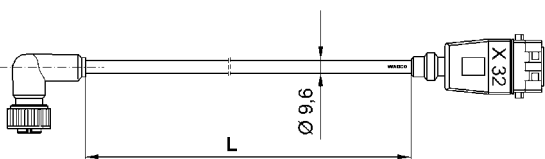
	Part number	L1 in m	L2 in m	cable end type	
	449 704 253 0	6	6	2 sockets DIN 72585- B1-4.1-Sn/K1 for ultra sonic sensors	TCE- electronic "X31"
	449 704 295 0	8	8		

Tyre pressure monitoring (socket "X32")

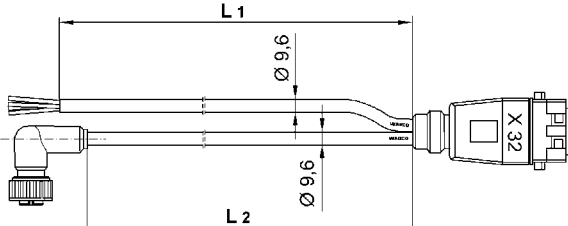
CAN for extended systems

	Part number	L in m	cable end type	
	449 301 150 0	15	2x 2.5 mm ² 2x 0.5 mm ² CAN for extended systems extension	TCE- electronic "X32"

IVTM

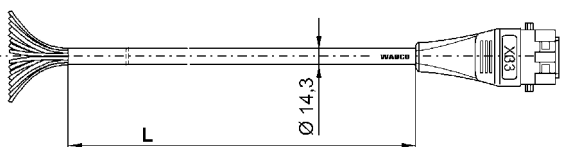
	Part number	L in m	cable end type	
	449 302 015 0	1.5	Socket 7-pin for tyre pressure monitoring	TCE- electronic "X32"

for tyre pressure monitoring or CAN for extended systems

	Part number	L1 in m	L2 in m	cable end type	
	449 304 098 0	15	1.5	2x 2.5 mm ² 2x 0.5 mm ² CAN extended systems and socket for tyre pressure monitoring	TCE- electronic "X32"

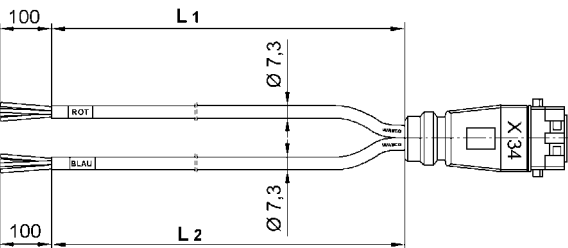
Extended lighting (socket "X33")

additional lighting

	Part number	L in m	cable end type	
	449 393 075 0	7.5	3x 2.5 mm ² 12x 1.5 mm ² for additional lighting	TCE- electronic "X33"
	449 393 085 0	8.5		
	449 393 100 0	10		

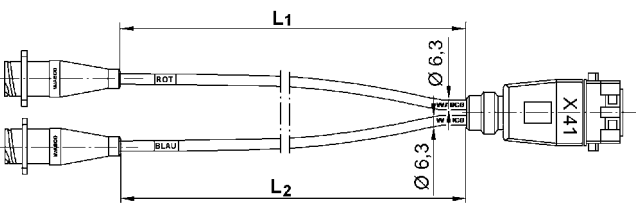
Additional lighting (socket "X34")

additional lighting

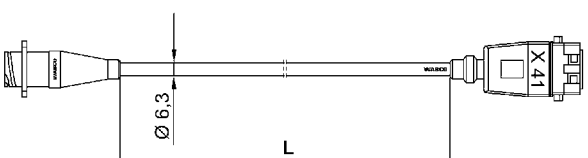
	Part number	L1 in m	L2 in m	cable end type	
	449 604 316 0	10	10	4x 1 mm ² 4x 1 mm ² for additional lighting	TCE- electronic "X34"

ECAS remote IRCU (socket "X41")

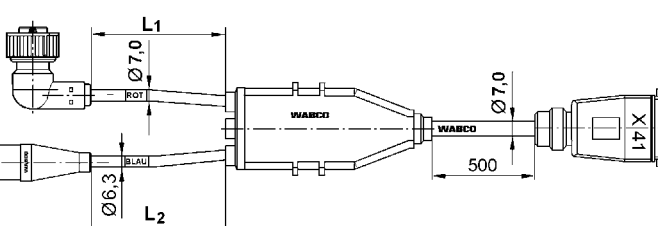
for ECAS remote control (two sockets)

	Part number	L1 in m	L 2 in m	cable end type	
	449 634 232 0	5	5	2 sockets for ECAS Remote control unit	TCE- electronic "X41"
	449 634 239 0	18	5		
	449 634 278 0	15	7		
	449 634 316 0	10	10		

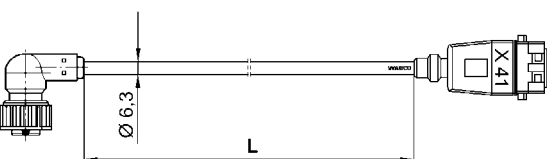
for ECAS remote control (one socket)

	Part number	L in m	cable end type	
	449 635 050 0	5	Socket for ECAS Remote control unit	TCE- electronic "X41"
	449 635 070 0	7		

for ECAS control box and remote control unit

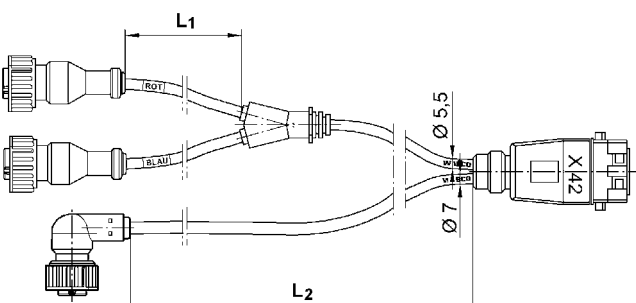
	Part number	L1 in m	L 2 in m	cable end type	
	449 654 232 0	5	5	1 socket for ECAS Remote control unit	TCE- electronic "X41"
	449 654 252 0	5	6	1 socket for ECAS control box	

for ECAS control box

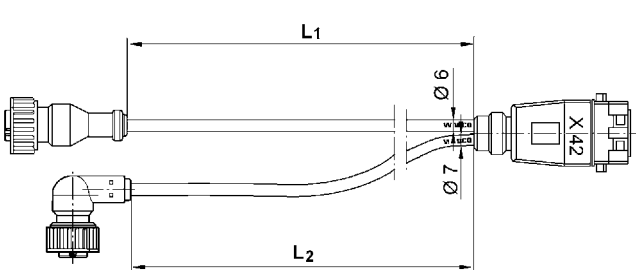
	Part number	L in m	cable end type	
	449 655 050 0	5	Socket for ECAS control box	TCE- electronic "X41"

Height sensor and battery box (socket "X42")

for two height sensors

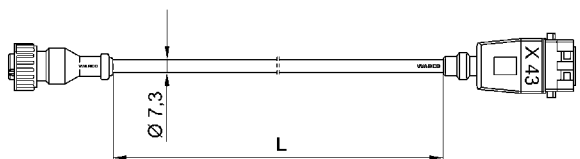
	Part number	L1 in m	L2 in m	cable end type	
	449 804 228 0	3	5	3 sockets DIN 72585 B1-2.1-Sn/K1 for height sensors and battery box	TCE- electronic "X42"

for one height sensor

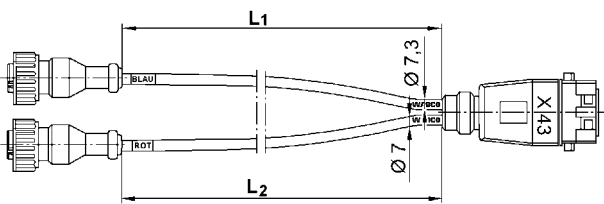
	Part number	L1 in m	L2 in m	cable end type	
	449 814 228 0	3	5	2 sockets DIN 72585 B1-2.1-Sn/K1 for height sensor and battery box	TCE- electronic "X42"
	449 814 272 0	5	7		
	449 814 292 0	5	9		

ECAS solenoid valve (socket "X43")

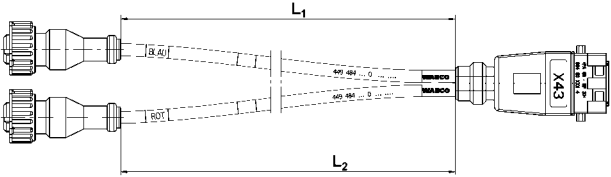
TCE solenoid valve ("X43")

	Part number	L in m	cable end type	
	449 483 015 0	1.5	Socket DIN 72585 B1-4.1-Sn/K1 for ECAS-solenoid valve	TCE- electronic "X43"
	449 483 025 0	2.5		

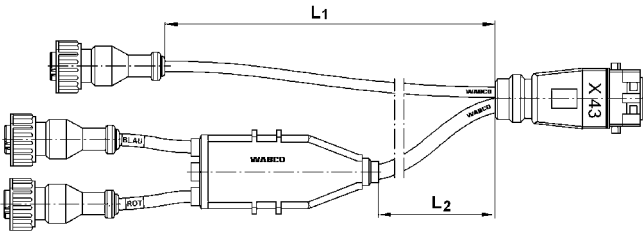
TCE solenoid valve ("X43") with one lifting axle

	Part number	L1 in m	L2 in m	cable end type	
	449 484 085 0	1.5	1.5	2 sockets DIN 72585 B1-4.1-Sn/K1 for ECAS- solenoid valve and DIN 72585 B1-3.3-Sn/K1 for lifting axle	TCE- electronic "X43"
	449 484 127 0	2.5	2.5		

TCE solenoid valve ("X43") with one lifting axle

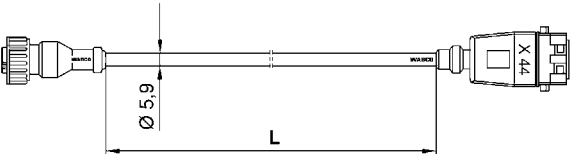
	Part number	L1 in m	L 2 in m	cable end type	
	449 485 106 0	1.5	1.5	2 sockets DIN 72585 B1-4.1-Sn/K1 for ECAS solenoid valves and B1-2.1-Sn/K1 for lifting axle	TCE- electronic "X43"

TCE solenoid valve ("X43") with two lifting axles

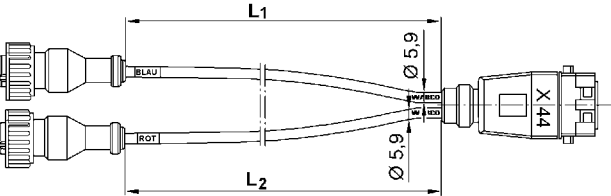
	Part number	L1 in m	L 2 in m	cable end type	
	449 494 025 0	1.5	0.4	3 sockets DIN 72585 B1-4.1-Sn/K1 for ECAS solenoid valves and B1-3.3-Sn/K1 for lifting axle and B1-2.1-Sn/K1 for 2nd lifting axle	TCE- electronic "X43"

Pressure sensor (socket "X44")

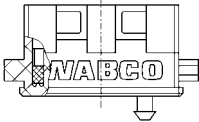
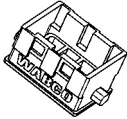
for one sensor

	Part number	L in m	cable end type	
	449 823 020 0	2	Socket DIN 72585 B1-3.1-Sn/K1	TCE- electronic "X44"

for two sensors

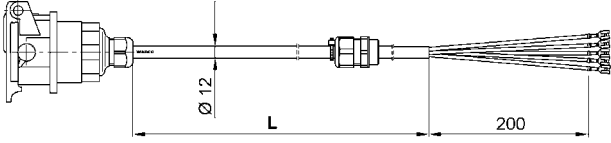
	Part number	L1 in m	L 2 in m	cable end type	
	449 824 108 0	3	2	2 sockets DIN 72585 B1-3.1-Sn/K1	TCE- electronic "X44"

Accessories

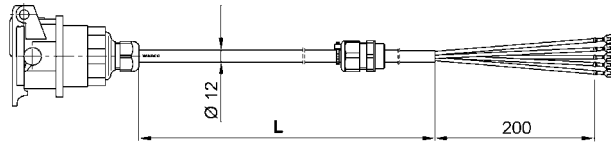
plug body		
 	Part number	Connector housing
	894 110 139 2	with sealing

Supply cable

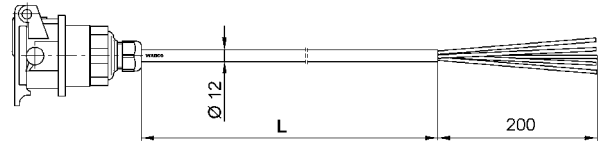
Supply (24V) semi trailer

	Part number	L in m	cable end type	
	449 142 050 0	5	Socket ISO 7638 5-pin	PG 16 5 crimps 3 x 1.5 mm ² 2 x 6 mm ²
	449 142 070 0	7		
	449 142 120 0	12		
	449 142 140 0	14		
	449 142 180 0	18		

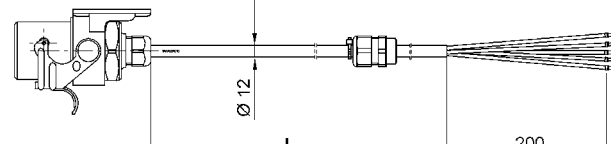
Supply (12V) semi trailer

	Part number	L in m	cable end type	
	449 152 060 0	6	Socket ISO 7638 5-pin	PG 16 5 crimps 3 x 1.5 mm ² 2 x 6 mm ²
	449 152 080 0	8		
	449 152 120 0	12		
	449 152 140 0	14		
	449 152 180 0	18		

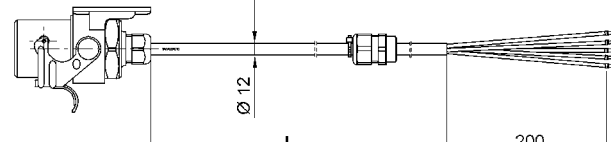
Supply (12V) semi trailer

	Part number	L in m	cable end type	
	449 162 013 0	1.3	Socket ISO 7638 5-pin	5-pin 3 x 1.5 mm ² 2 x 6 mm ²
	449 162 060 0	6		
	449 162 140 0	14		

Supply (24V) drawbar trailer

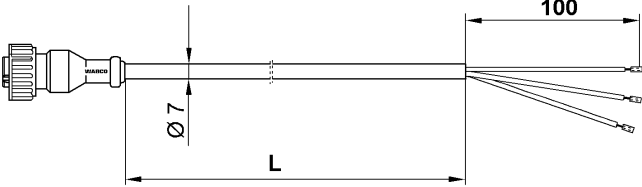
	Part number	L in m	cable end type	
	449 222 060 0	6	Plug ISO 7638 5-pin	PG 16 5 crimps 3 x 1.5 mm ² 2 x 6 mm ²
	449 222 100 0	10		
	449 222 120 0	12		

Supply (12V) drawbar trailer

	Part number	L in m	cable end type	
	449 232 080 0	8	Plug ISO 7638 5-pin	PG 16 5 crimps 3 x 1.5 mm ² 2 x 6 mm ²
	449 232 120 0	12		

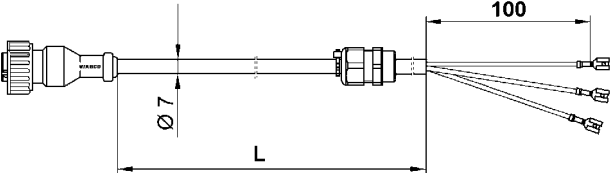
Solenoid cable

Solenoid valve

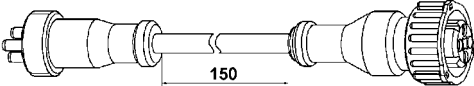
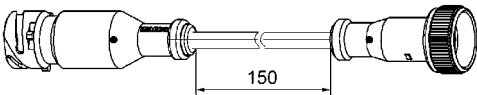
	Part number	L in m	cable end type	
	449 413 020 0	2	Socket DIN 72585- B1-3.1-Sn/K1	3-pin 3 x 1.5 mm ²
	449 413 030 0	3		
	449 413 040 0	4		
	449 413 050 0	5		
	449 413 060 0	6		
	449 413 080 0	8		
	449 413 090 0	9		
	449 413 100 0	10		
	449 413 120 0	12		
	449 413 150 0	15		
	449 413 180 0	18		

Solenoid cable

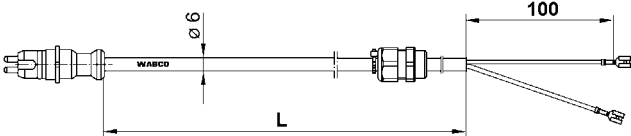
Solenoid valve

	Part number	L in m	cable end type	
	449 423 009 0	0.9	Socket DIN 72585- B1-3.1-Sn/K1	PG 11 3 crimps 3 x 1.5 mm ²
	449 423 020 0	2		
	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		

Adaptor solenoid cable

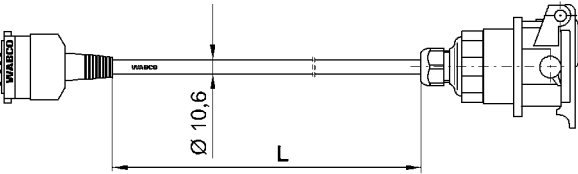
	Part number	L in m	cable end type	
	894 601 132 2	0.15	Plug Kostal M 24 x 1	Socket Bayonet DIN 72585 B1-3.1-Sn/K1
for M 24x1 connection to DIN 72585 B1-3.1-Sn/K1				
	Part number	L in m	cable end type	
	894 601 133 2	0.15	Plug Bayonet DIN 72585 B1-3.1-Sn/K1	Socket Kostal M 24 x 1
for plug DIN 72585 B1-3.1-Sn/K1 to M 24x1 socket				

Sensor cable (replacement for 894 590 ... 2)

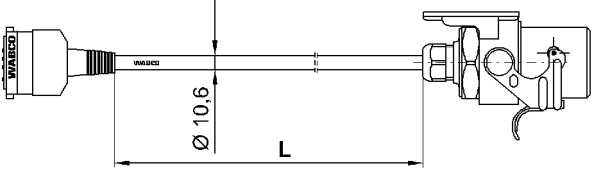
for ABS sensor				
	Part number	L in m	cable end type	
	449 715 015 0	1.5	Plug 2-pin	PG 11 2 crimps 2 x 0.75 mm²
	449 715 020 0	2		
	449 715 030 0	3		
	449 715 050 0	5		
	449 715 065 0	6.5		
	449 715 080 0	8		
	449 715 100 0	10		
	449 715 120 0	12		
	449 715 150 0	15		

Power supply cable

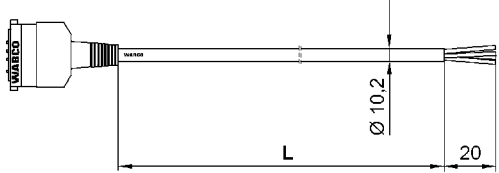
for semi trailers (24V)

	Part number	L in m	cable end type	
	449 112 035 0	3.5	VCS- electronic "Power"	Socket ISO 7638
	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		

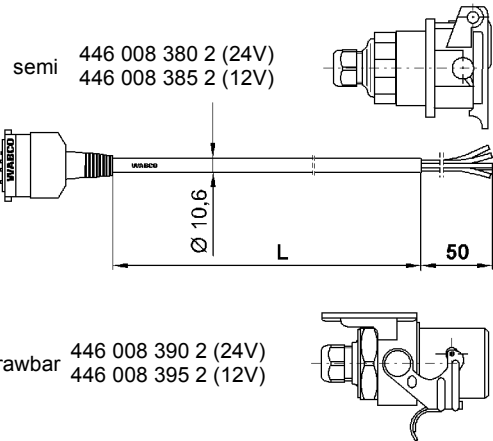
for drawbar trailers (24V)

	Part number	L in m	cable end type	
	449 212 060 0	6	VCS- electronic "Power"	Plug ISO 7638
	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		

for semi or drawbar trailers

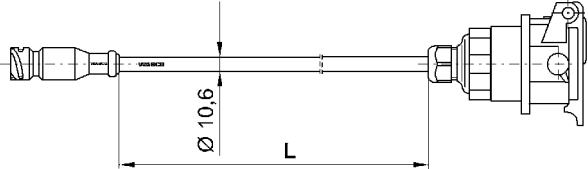
	Part number	L in m	cable end type	
	449 312 150 0	15	VCS- electronic "Power"	2 x 4 mm ² 1 x 2.5 mm ² 1 x 1.5 mm ²
	449 312 200 0	20		

for semi or drawbar trailers

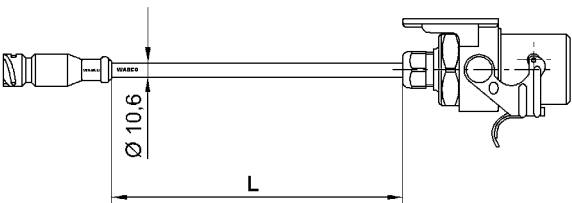
	Part number	L in m	cable end type	
	446 008 380 2 (24V) 446 008 385 2 (12V)	0.3	VCS- electronic "Power"	3 x 1.5 mm ² 2 x 4 mm ²
	449 332 060 0	6		
	449 332 080 0	8		
	449 332 090 0	9		
	449 332 100 0	10		
	449 332 120 0	12		
	449 332 140 0	14		
	449 332 180 0	18		
	449 332 250 0	25		

Supply cable two-piece

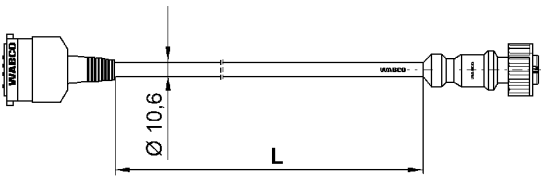
for semi trailers (combined with 449 331 ... 0) (24V)

	Part number	L in m	cable end type	
	449 132 005 0	0.5	connector 5 pin mating part for 449 331... 0	Plug ISO 7638
	449 132 035 0	3.5		
	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 (combined with 449 331 ... 0) (24V)

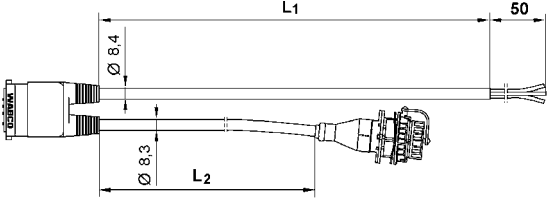
	Part number	L in m	cable end type	
	449 242 080 0	8	coupling 5-pin	Plug ISO 7638
	449 242 100 0	10	mating part for 449 331 ... 0	

499 331 (combined with 449 132 ... 0 or 449 242 ... 0)

	Part number	L in m	cable end type	
	449 331 003 0	0.3	VCS- electronic "Power"	coupling 5-pin
	449 331 025 0	2.5		mating part for 449 132 ... 0 and 449 242 ... 0
	449 331 060 0	6		
	449 331 100 0	10		
	449 331 120 0	12		
	449 331 160 0	16		

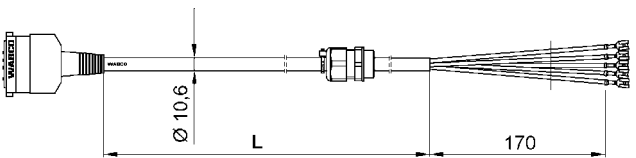
Power supply cable

24N supply cable and diagnosis for mixed supply

	Part number	L1 in m	L2 in m	cable end type		
	449 314 017 0	12	0.25	VCS- electronic "Diagnosis"	Socket Diagnosis	2x 2.5 mm ² 1x 1.5 mm ²
	449 314 055 0	8	1			
	449 314 057 0	12	1			
	449 314 237 0	12	5			
	449 314 241 0	0.25	6			
	449 314 249 0	3.5	6			
	449 314 257 0	12	6			
	449 314 337 0	12	12			

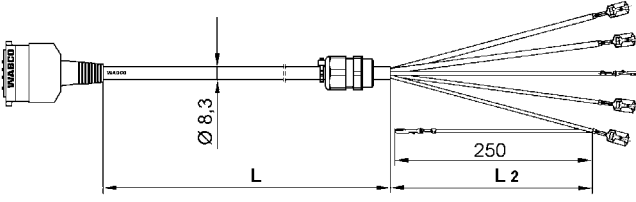
Power supply cable

VCS-ECAS supply cable (obsolet, only for ECAS ECU 446 055 060 0 and 446 055 070 0)

	Part number	L in m	cable end type	
	449 322 010 0	1	VCS- electronic "Power"	PG 16
	449 322 060 0	6		5 crimps 3 x 1.5 mm ² 2 x 4 mm ²

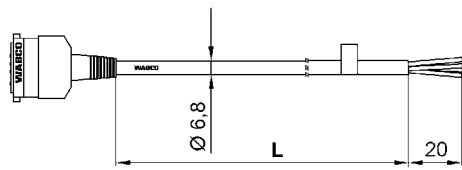
Power supply cable

VCS-ECAS (for ECAS ECU 446 055 065 0)

	Part number	L in m	L 2 in mm	cable end type	
	449 323 010 0	1	1 x 80 4 x 250	VCS- electronic "Diagnosis"	PG 11 4 x 0.5 mm ² 2 x 2.5 mm ² 6 crimps
	449 323 015 0	1.5			
	449 323 060 0	6			

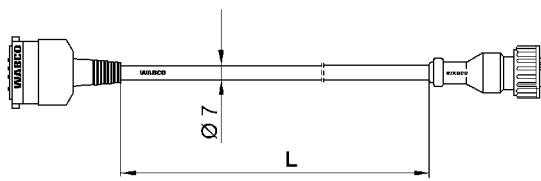
ISS cable

for ISS

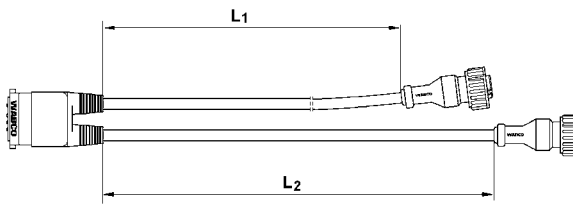
	Part number	L in m	cable end type	
	449 402 030 0	3	VCS- electronic "Power"	3 x 1.5 mm ²
	449 402 060 0	6		
	449 402 070 0	7		
	449 402 100 0	10		
	449 402 120 0	12		

Solenoid cable

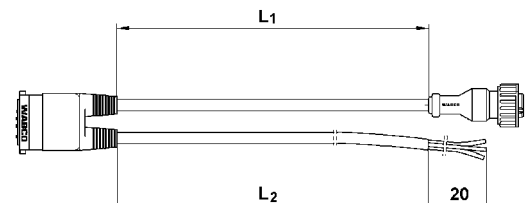
for 3. modulator with bayonet connector (replaced for 449 412 ... 0)

	Part number	L in m	cable end type	
	449 411 005 0	0.5	VCS- electronic "modulator"	Socket Bayonet DIN 72585 B1-3.1-Sn/K1
	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 dual relay solenoid valve with bayonet connector (replaced for 449 424 ... 0)

	Part number	L1 in m	L2 in m	cable end type	
	449 444 022 0	0.4	0.4	VCS- electronic "modulator"	2 sockets Bayonet DIN 72585 B1-3.1-Sn/K1
	449 444 064 0	1.35	1.35		
	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 with bayonet connector / Retarder / ISS (replaced for 449 434 ... 0)

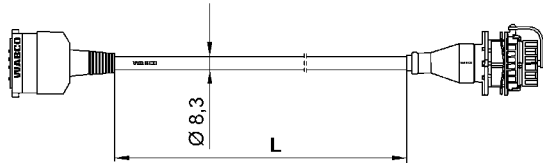
	Part number	L1 in m	L2 in m	cable end type		
	449 454 155 0	3	8	VCS- electronic "modulator"	Socket Bayonet DIN 72585 B1-3.1-Sn/K1	3 x 1.5 mm²
	449 454 295 0	8	8			

Adaptor solenoid valve cable (894 601 13. 2)

see page 39

Diagnostic cable

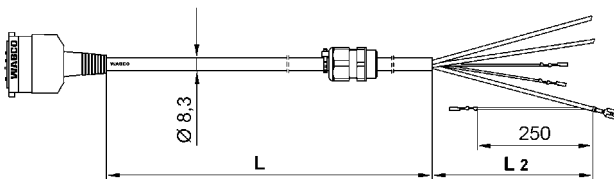
for diagnostic



Part number	L in m	cable end type	
449 612 010 0	1	VCS- electronic "Diagnosis"	Socket Diagnosis
449 612 030 0	3		
449 612 050 0	5		
449 612 060 0	6		
449 612 120 0	12		

Diagnostic cable

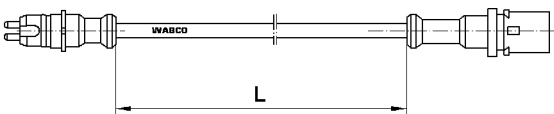
VCS-ECAS supply cable (obsolet, only for ECAS ECU 446 055 060 0 and 446 055 070 0)



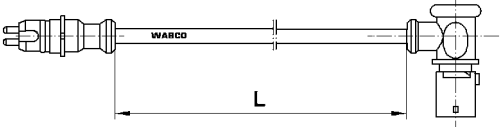
Part number	L in m	L 2 in mm	cable end type	
449 622 010 0	1	2 x 300 2 x 100 1 x 270	VCS- electronic "Diagnosis"	PG 11 3 x 0.5 mm ² 2 x 2.5 mm ² 1 x 0.75 mm ² 4 with crimps
449 622 060 0	6			

Sensor cable (replacement for 894 590 ... 2)

Extension cable

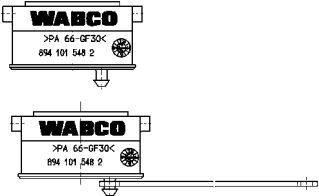
	Part number	L in m	cable end type	
	449 712 008 0	0.8	Plug	Socket
	449 712 018 0	1.8		
	449 712 023 0	2.3		
	449 712 030 0	3		
	449 712 035 0	3.5		
	449 712 038 0	3.8		
	449 712 040 0	4		
	449 712 051 0	5.1		
	449 712 060 0	6		
	449 712 064 0	6.4		
	449 712 070 0	7		
	449 712 080 0	8		
	449 712 090 0	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

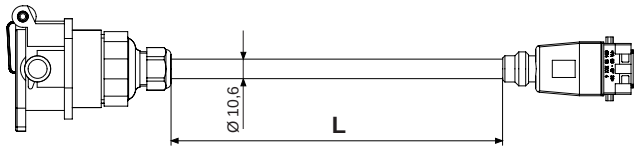
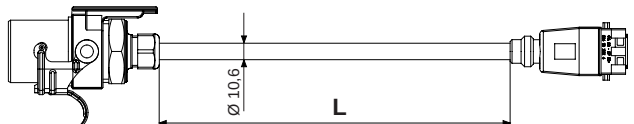
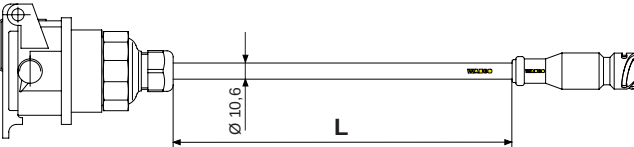
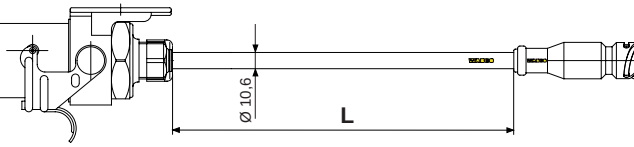
	Part number	L in m	cable end type	
	449 713 018 0	1.8	Plug	elbow socket
	449 713 030 0	3		

Accessories

VCS-ECU

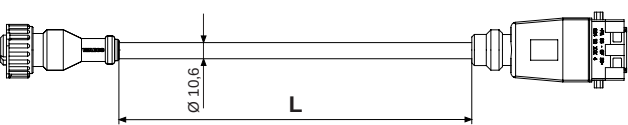
	Ordering number	Connector housing
	894 101 548 2	for plug body
	894 101 640 2	with mounting for socket body

5-wire power supply cable

for semi trailers (24V)		Application for: Standard and Premium ECU		
	Part number	L in m	cable end type	
	449 125 060 0	6	Socket ISO 7638	Plug VCS II- electronic „POWER“
	449 125 100 0	10		
	449 125 120 0	12		
	449 125 140 0	14		
	449 125 180 0	18		
for drawbar trailers (24V)		Application for: Standard and Premium ECU		
	Part number	L in m	cable end type	
	449 225 060 0	6	Plug ISO 7638	Plug VCS II- electronic „POWER“
	449 225 080 0	8		
	449 225 100 0	10		
	449 225 120 0	12		
	449 225 140 0	14		
for semi trailers with section point [combined with 449 375 ... 0 or 449 374 ... 0 (24N)]		Application for: Standard and Premium ECU		
	Part number	L in m	cable end type	
	449 132 005 0	0.5	Socket ISO 7638	coupling 5-pin, mating part for 449 375... 0 and 449 374... 0
	449 132 035 0	3.5		
	449 132 060 0	6		
	449 132 080 0	8		
	449 132 090 0	9		
	449 132 120 0	12		
	449 132 150 0	15		
for drawbar trailers with section point [combined with 449 375 ... 0 or 449 374 ... 0 (24N)]		Application for: Standard and Premium ECU		
	Part number	L in m	cable end type	
	449 242 080 0	8	Plug ISO 7638	coupling 5-pin, mating part for 449 375... 0 and 449 374... 0
	449 242 100 0	10		

Power supply cable with section point [combined with 449 132 ... 0 or 449 242 ... 0 (24V)]

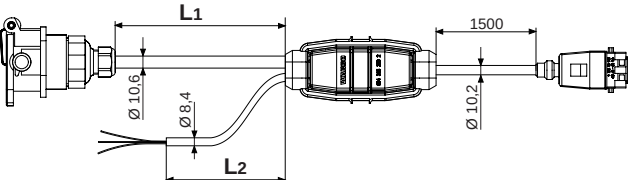
Application for: Separate, Standard and Premium ECU

	Part number	L in m	cable end type	
	449 375 003 0	0.3	coupling 5-pin mating part for 449 132 ... 0 and 449 242 ... 0	Plug VCS II- electronic „POWER“
	449 375 030 0	3		
	449 375 060 0	6		
	449 375 100 0	10		

5-wire Y-power supply cable

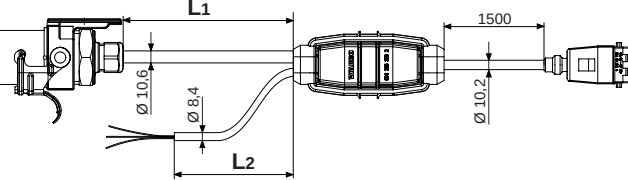
for semi trailers (24V) and 24N

Application for: Standard and Premium ECU

	Part number	L1 in m	L2 in m	cable end type	
	449 124 333 0	6	12	Socket ISO 7638 and ISO 1185 (24N) 1x 1.5 mm ² 2x 2.5 mm ²	Plug VCS II- electronic „POWER“
	449 124 337 0	12	12		

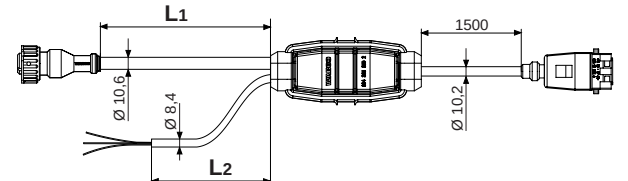
for drawbar trailers (24V) and 24N

Application for: Standard and Premium ECU

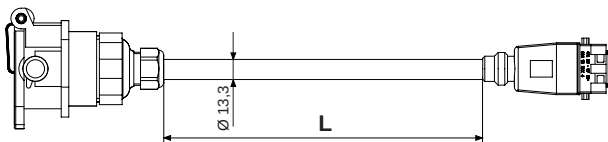
	Part number	L1 in m	L2 in m	cable end type	
	449 224 328 0	3	12	Plug ISO 7638 and ISO 1185 (24N) 1x 1.5 mm ² 2x 2.5 mm ²	Plug VCS II- electronic „POWER“
	449 224 337 0	12	12		

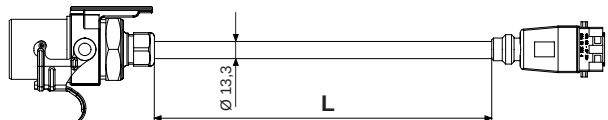
Y-power supply cable with section point [combined with 449 132 ... 0 or 449 242 ... 0 and 24N]

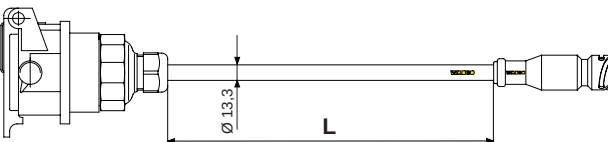
Application for: Standard and Premium ECU

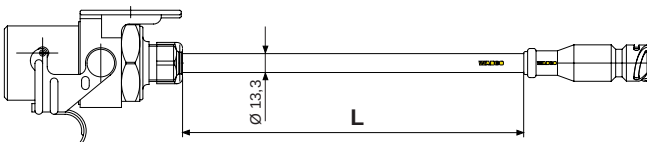
	Part number	L in m	L2 in m	cable end type	
	449 374 281 0	0.25	8	coupling 5-pin mating part for 449 132 ... 0 and 449 242 ... 0 and ISO 1185 (24N) 1x 1.5 mm ² 2x 2.5 mm ²	Plug VCS II- electronic „POWER“
	449 374 323 0	1	12		
	449 374 328 0	3	12		
	449 374 333 0	6	12		

7-wire power supply cable

for semi trailers (24V)		Application for: Premium ECU		
	Part number	L in m	cable end type	
	449 126 060 0	6	Socket ISO 7638	Plug VCS II- electronic „POWER“
	449 126 100 0	10		
	449 126 120 0	12		
	449 126 140 0	14		

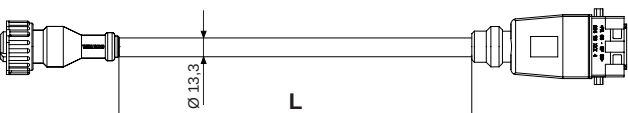
for drawbar trailers (24V)		Application for: Premium ECU		
	Part number	L in m	cable end type	
	449 226 030 0	3	Plug ISO 7638	Plug VCS II- electronic „POWER“
	449 226 060 0	6		
	449 226 100 0	10		
	449 226 120 0	12		
	449 226 140 0	14		

for semi trailers with section point [combined with 449 385 ... 0, 449 384 ... 0 (24N) or 449 386 ... 0]		Application for: Premium ECU		
	Part number	L in m	cable end type	
	449 133 030 0	3	Socket ISO 7638	coupling 7-pin, mating part for 449 384... 0, 449 385... 0 or 449 386... 0
	449 133 120 0	12		
	449 133 150 0	15		

for drawbar trailers with section point [combined with 449 385 ... 0, 449 384 ... 0 (24N) or 449 386 ... 0]		Application for: Premium ECU		
	Part number	L in m	cable end type	
	449 233 030 0	3	Plug ISO 7638	coupling 7-pin mating part for 449 384... 0, 449 385... 0 or 449 386... 0
	449 233 100 0	10		
	449 233 140 0	14		
	449 233 180 0	18		

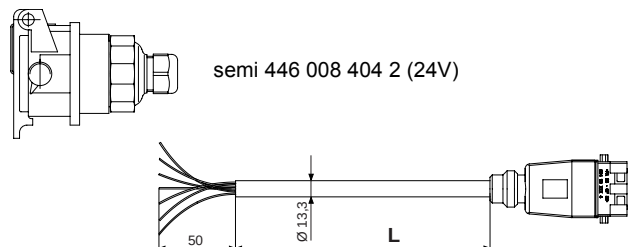
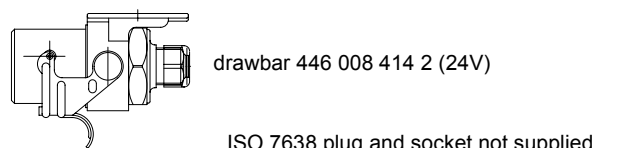
Power supply cable with section point [combined with 449 133 ... 0 or 449 233 ... 0 (24V)]

Application for: Premium ECU

	Part number	L in m	cable end type	
	449 385 030 0	3	coupling 7-pin, mating part for 449 133 ... 0 and 449 233 ... 0	Plug VCS II- electronic „POWER“
	449 385 060 0	6		
	449 385 100 0	10		

for semi or drawbar trailers

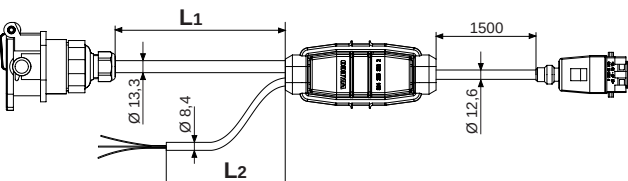
Application for: Premium ECU

	Part number	L in m	cable end type	
	449 320 120 0	12	5 x 1.5 mm ² 2 x 4 mm ²	Plug VCS II- electronic „POWER“
 ISO 7638 plug and socket not supplied	449 320 150 0	15		

7-wire Y-power supply cable

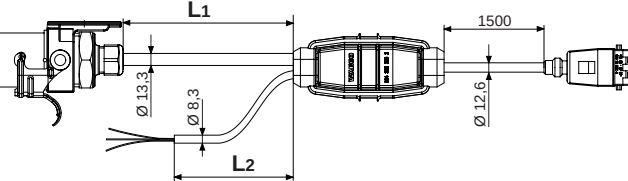
for semi trailers (24V) and 24N

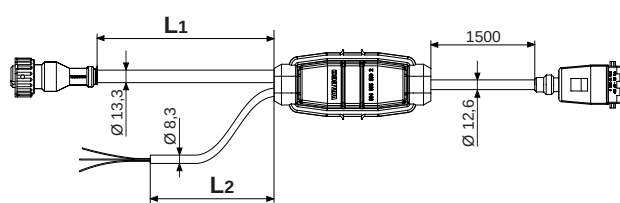
Application for: Premium ECU

	Part number	L1 in m	L2 in m	cable end type	
	449 134 333 0	6	12	Socket ISO 7638 and ISO 1185 (24N) 1x 1.5 mm ² 2x 2.5 mm ²	Plug VCS II- electronic „POWER“
	449 134 337 0	12	12		

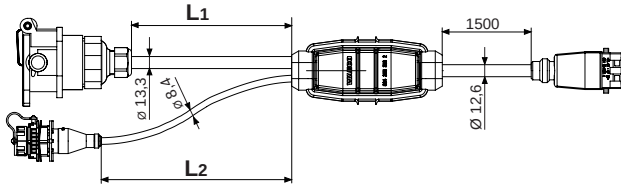
for drawbar trailers (24V) and 24N

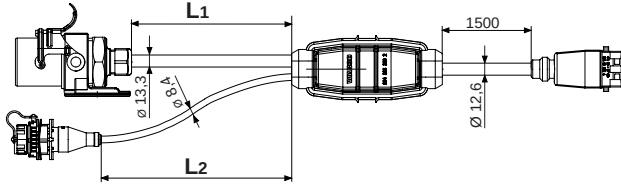
Application for: Premium ECU

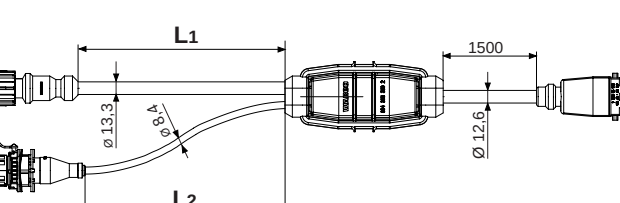
	Part number	L1 in m	L2 in m	cable end type	
	449 234 328 0	3	12	Plug ISO 7638 and ISO 1185 (24N) 1x 1.5 mm ² 2x 2.5 mm ²	Plug VCS II- electronic „POWER“
	449 234 337 0	12	12		

Y-Power supply cable with section point [combined with 449 133 ... 0 or 449 233 ... 0 (24V) and 24N]				Application for: Premium ECU	
	Part number	L in m	L2 in m	cable end type	
	449 384 323 0	1	12	coupling 7-pin mating part for 449 133 ... 0 and 449 233 ... 0 and ISO 1185 (24N) 1x 1.5 mm ² 2x 2.5 mm ²	Plug VCS II- electronic „POWER“
	449 384 328 0	3	12		
	449 384 333 0	6	12		

7-wire Y-power supply cable + diagnosis

for semi trailers (24V)		Application for: Separate ECU			
	Part number	L1 in m	L2 in m	cable end type	
	449 144 053 0	6	1	Socket ISO 7638 and Socket Diagnosis	Plug VCS II- electronic „POWER“
	449 144 057 0	12	1		
	449 144 153 0	6	3		
	449 144 157 0	12	3		

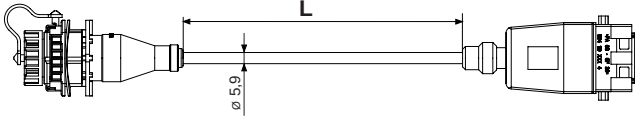
for drawbar trailers (24V)		Application for: Separate ECU			
	Part number	L1 in m	L2 in m	cable end type	
	449 244 048 0	3	1	Plug ISO 7638 and Socket Diagnosis	Plug VCS II- electronic „POWER“
	449 244 055 0	8	1		
	449 244 155 0	8	3		
	449 244 157 0	12	3		

Y-Power supply cable with section point [combined with 449 133 ... 0 or 449 233 ... 0 (24V)]				Application for: Separate ECU	
	Part number	L in m	L2 in m	cable end type	
	449 386 143 0	1	3	coupling 7-pin, mating part for 449 133 ... 0 and 449 233 ... 0 and Socket Diagnosis	Plug VCS II- electronic „POWER“
	449 386 148 0	3	3		
	449 386 153 0	6	3		

Diagnostic cable

for diagnostic

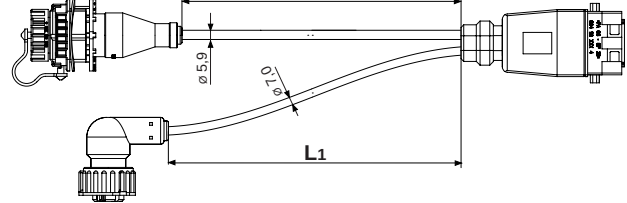
Application for: Standard and Premium ECU

	Part number	L1 in m	cable end type	
	449 615 010 0	1	Socket Diagnosis	Plug VCS II- electronic „MOD RD“
	449 615 030 0	3		
	449 615 060 0	6		
	449 615 080 0	8		

Y-Diagnostic cable

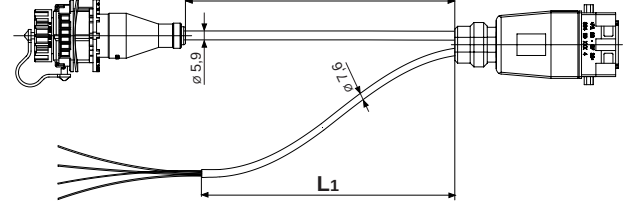
for diagnostic and Socket for A-Modulator

Application for: Standard and Premium ECU

	Part number	L1 in m	L2 in m	cable end type	
	449 616 148 0	3	3	Socket Diagnosis and Socket Bayonet DIN 72585 B1-3.1-Sn/K1	Plug VCS II- electronic „MOD RD“
	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		
	449 616 253 0	6	6		
	449 616 293 0	6	8		

for diagnostic and GIO-interface

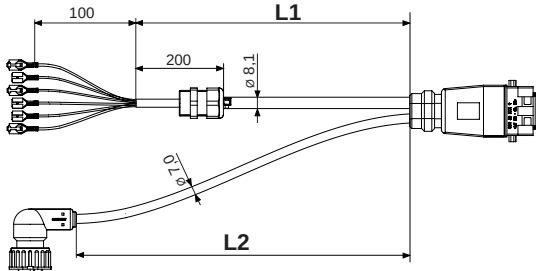
Application for: Standard and Premium ECU

	Part number	L1 in m	L2 in m	cable end type	
	449 617 013 0	6	0.25	Socket Diagnosis and 4x 1.5 mm ²	Plug VCS II- electronic „MOD RD“
	449 617 157 0	12	3		
	449 617 253 0	6	6		
	449 617 257 0	12	6		

Y-Cable for the connection of ECAS

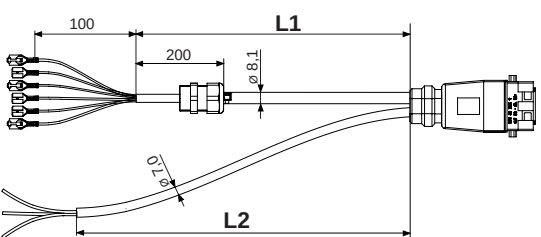
for ECAS incl. diagnostic interface
and socket for the A-Modulator

Application for: Premium ECU

	Part number	L1 in m	L2 in m	cable end type	
	449 337 328 0	3	12	PG 11 5x 1.5 mm ² 1x 0.5 mm ² 6 crimps and Socket Bayonet DIN 72585 B1-3.1-Sn/K1	Plug VCS II- electronic „MOD RD“

for ECAS and GIO-interface

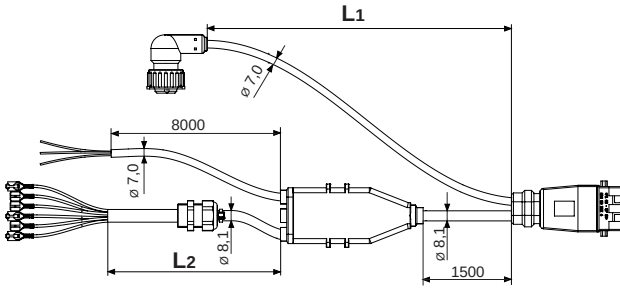
Application for: Premium ECU

	Part number	L1 in m	L2 in m	cable end type	
	449 338 328 0	3	12	PG 11 5x 1.5 mm ² 1x 0.5 mm ² 6 crimps and 3x 1.5 mm ²	Plug VCS II- electronic „MOD RD“

Triple cable for the connection of ECAS

ECAS for supply and diagnosis,
GIO and A-Modulator connection

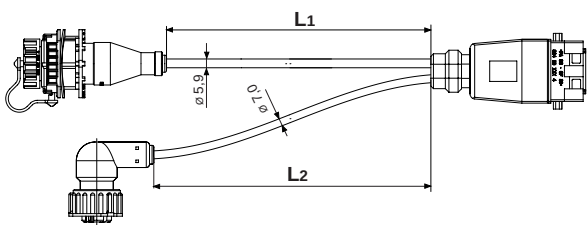
Application for: Premium ECU

	Part number	L1 in m	L2 in m	cable end type	
	449 339 297 0	12	8	Socket Bayonet DIN 72585 B1-3.1-Sn/K1 and 3x 1.5 mm ² and PG 11 5x 1.5 mm ² 1x 0.5 mm ² 6 crimps	Plug VCS II- electronic „MOD RD“

Y-Cable for an ELM connection

for an ELM connection + diagnostic socket

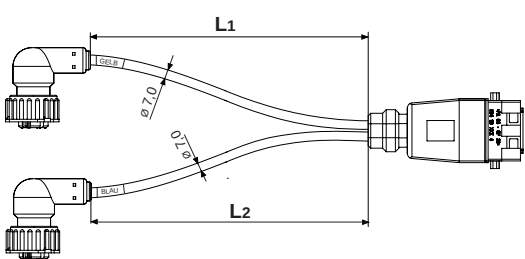
Application for: Standard and Premium ECU

	Part number	L1 in m	L2 in m	cable end type	
	449 340 153 0	6	3	Socket Diagnosis and Socket ELM	Plug VCS II- electronic „MOD RD“

Cable for Modulator

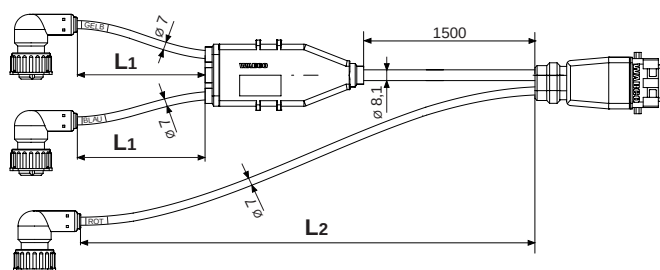
for B- and C-Modulator

Application for: Separate ECU

	Part number	L1 in m	L2 in m	cable end type	
	449 534 043 0	1	1	2x Socket Bayonet DIN 72585 B1-3.1-Sn/K1	Plug VCS II- electronic „MOD RD“
	449 534 148 0	3	3		
	449 534 253 0	6	6		

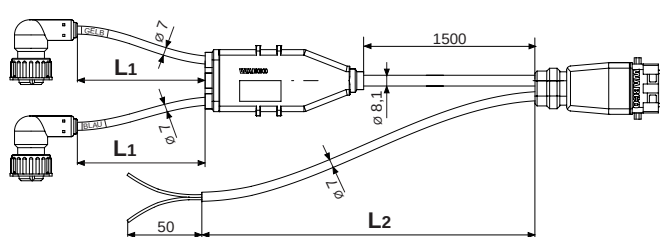
for A-, B- and C-Modulator

Application for: Separate ECU

	Part number	L1 in m	L2 in m	cable end type	
	449 544 190 0	4	4	3x Socket Bayonet DIN 72585 B1-3.1-Sn/K1	Plug VCS II- electronic „MOD RD“
	449 544 248 0	3	6		
	449 544 253 0	6	12		

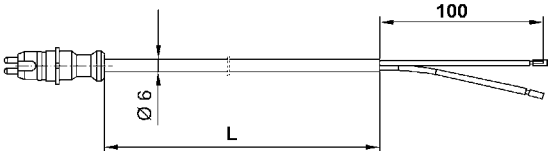
for B-, C-Modulator and GIO-interface

Application for: Separate ECU

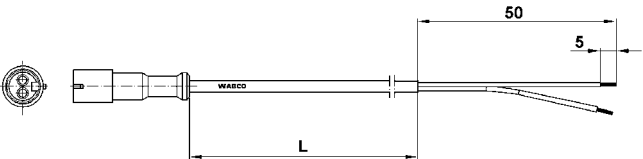
	Part number	L1 in m	L2 in m	cable end type	
	449 555 293 0	6	8	2x Socket Bayonet DIN 72585 B1-3.1-Sn/K1 and 2x 1.5 mm²	Plug VCS II- electronic „MOD RD“

ABS truck

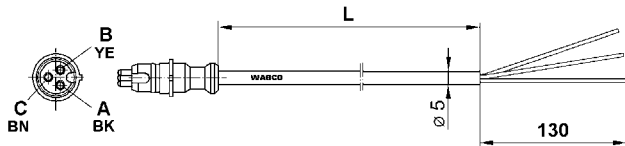
Sensor prolongation cable

	Part number	L in m	cable end type	
	449 711 030 0	3	coupling plug	2 x 0.75 mm ²
	449 711 050 0	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		

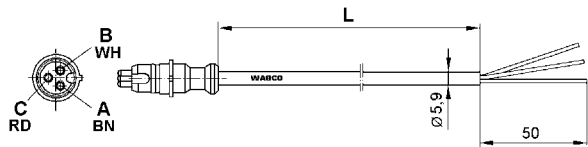
Sensor prolongation cable

	Part number	L in m	coupling socket	2 x 0.75 mm ²
	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		

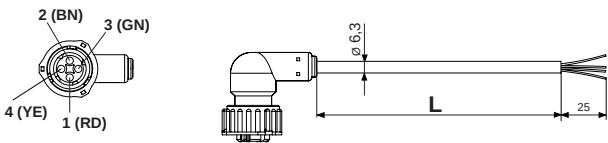
Sensor prolongation cable

	449 716 008 0	0.8	coupling plug	3 x 0.6 mm ²
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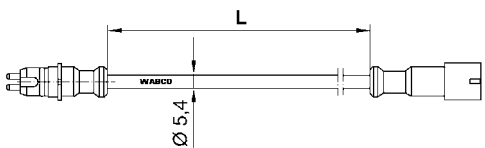
Sensor prolongation cable

	449 718 150 0	15	coupling plug	3 x 0.5 mm ²
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Cable 4-pin

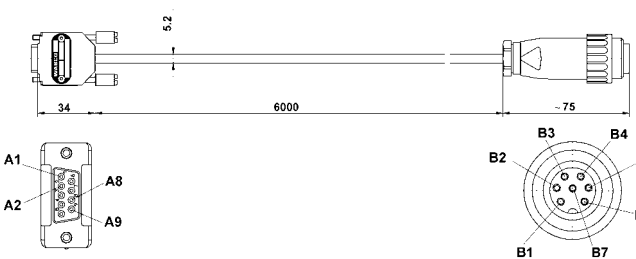
	Part number	L in m	Socket DIN 72585- B1-4.1-Sn/K1	4-pin 4 x 0.5 mm ²
	449 722 008 0	0.8		
	449 722 010 0	1		
	449 722 050 0	5		
	449 722 100 0	10		

Sensor prolongation cable

	Part number	L in m	cable end type	
	449 755 019 0	1.9	coupling plug	coupling socket
	449 755 020 0	2		
	449 755 025 0	2.5		

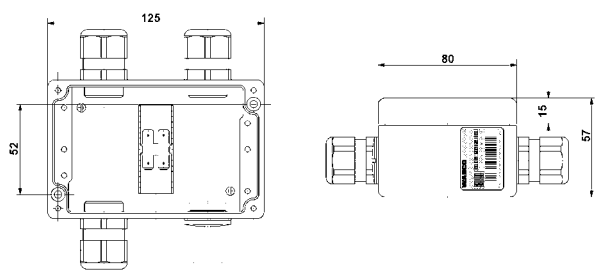
Diagnosis connection cable 7 pol.

for VCS, ECAS, Vario C, Trailer EBS

	Part number	cable end type	
	446 300 329 2	A Plug DIN 41 652	B Plug Diagnosis

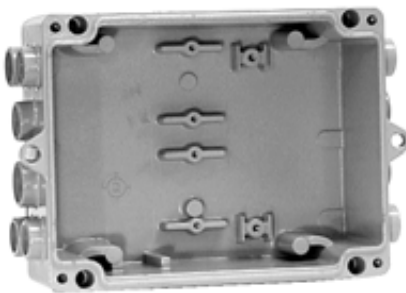
distribution box

for cable Ø 10 - 14mm

	Part number	
	446 010 092 2	5 isolated 4-times distributors in H shape body with 3 PG fittings for corrugated pipe nominal diam 13. the 4th fitting is shipped with in a bag

Body lower part

for Vario C and ECAS

	Part number	Design
	446 105 012 4	Body for ABS Trailer Connections: 2 x PG 16 10 x PG 11
	446 105 013 4	Body for ECAS ECU Connections: 16 x PG 11 (8 at each side)
	446 105 015 2	Body Vario C with installed diagnostic connection (wiring 894 604 430 2 + cap 894 020 314 2) Connections: 1 x PG 16 10 x PG 11

ABS bypack Vario-C

Contents: all piece parts for system installation

	Part number	Design
	446 105 530 2	ABS pack 6S/3M content: all plug enclosures for connection cable - ECU 4 Cheese-head screws M 6 x 70 + hexagon nut to mount the body lower part on the vehicle. 1 pressure screw PG 16 + clamping ring nom diam. 13 Blinkcode plug 446 105 310 2 and sticker
	446 105 538 2	ABS pack 6S/3M C plus Contents: like ...530 2, but with green supply plug

Cable fitting

for cable Ø 5 - 14mm

	Part number	Design
	894 130 312 2	fitting PG 11 for cable Ø 5 - 10mm
	894 130 315 2	fitting PG 16 for cable Ø 10 -14mm

Plug

for drawbar trailer with ABS or EBS

	Part number	Design
	446 008 360 2	24 V plug with pull-disburdening for cable Ø 14.5 - Ø 15.5
	446 008 390 2	24 V plug with fitting for cable Ø 7 - Ø 12 (2 x 4 mm ² / 3 x 1.5 mm ²)
	446 008 391 2	24 V plug with fitting for cable Ø 10 - Ø 14 (2 x 6 mm ² / 3 x 1.5 mm ²)
	446 008 395 2	12 V plug with fitting for cable Ø 7 - Ø 12 (2 x 4 mm ² / 3 x 1.5 mm ²)
	446 008 396 2	12 V plug with fitting for cable Ø 10 - Ø 14 (2 x 6 mm ² / 3 x 1.5 mm ²)
	446 008 414 2	24 V plug EBS: with fitting for cable Ø 10 - Ø 14 (2 x 4 mm ² / 5 x 1.5 mm ²)

Socket

for semi trailer with ABS or EBS

	Part number	Design
	446 008 361 2	24 V socket for PG 16 fitting
	446 008 380 2	24 V socket with fitting for cable Ø 7 - Ø 12 (2 x 4 mm ² / 3 x 1.5 mm ²)
	446 008 381 2	24 V socket with fitting for cable Ø 10 - Ø 14 (2 x 6 mm ² / 3 x 1.5 mm ²)
	446 008 385 2	12 V socket with fitting for cable Ø 7 - Ø 12 (2 x 4 mm ² / 3 x 1.5 mm ²)
	446 008 386 2	12 V socket with fitting for cable Ø 10 - Ø 14 (2 x 6 mm ² / 3 x 1.5 mm ²)
	446 008 404 2	24 V socket EBS: with fitting for cable Ø 10 - Ø 14 (2 x 4 mm ² / 5 x 1.5 mm ²)

Parking receptacle

for ABS plug

	Part number	Design
	446 008 600 2	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	Design
	446 008 310 4	pin 1.5 mm ² for ISO 7638
	446 008 311 4	pin 6.0 mm ² for ISO 7638
	446 008 315 4	sleeve 1.5 mm ² for ISO 7638
	446 008 316 4	sleeve 6.0 mm ² for ISO 7638

Tools for ABS

	Part number	Design
	446 009 001 2	35 pin plug 4 channel
	446 009 008 2	54 pin plug 6 channel

		Ordering number	Design	Squeeze hole no. of the crimp matrix
		446 008 901 2	Tongs for matrix (recommend for frequently crimping pins/sleeves of ISO 7638 coupling)	
		446 008 902 2	Matrix for straight receptacle with locking shackle 894 070 704 4 0.5 – 1.0 mm ² 894 070 705 4 1,5 -2.5 mm ² 894 070 707 4 6.0 mm ²	① ② ④
		446 008 903 2	Matrix for ABS power supply plug / socket 446 008 310 4 1.5 mm ² 446 008 311 4 6.0 mm ² 446 008 315 4 1.5 mm ² 446 008 316 4 6.0 mm ²	① ③ ① ③
		446 008 906 2	Matrix for spring contact in the 35-pin plug, B/C ECU 894 510 297 4 1.5 mm ² 894 510 298 4 2.5 mm ²	① ②
			for ECAS remote control 894 511 346 4 0.5 mm ² 894 070 666 4 1.0 mm ²	① ①
			in the 54-pin ECU plug 894 070 712 4 1.0 mm ² 894 070 713 4 2.5 mm ²	① ②
			for AMP socket body 894 070 734 4 0.5 mm ² – 1 mm ² 894 070 829 4 1.0 mm ² -2.5 mm ²	① ②
		446 008 902 2	matrix for Info Modul matrix for straight receptacle with locking shackle 811 540 008 4 2,8 -1.5 mm ²	①

AMP socket body

	Part number	coding	number of poles	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

Security lamp

	Part number	Design
	446 105 537 2	outside signal lamp “green” complet with 10 m cable, 2 pin 0.75 mm ²