



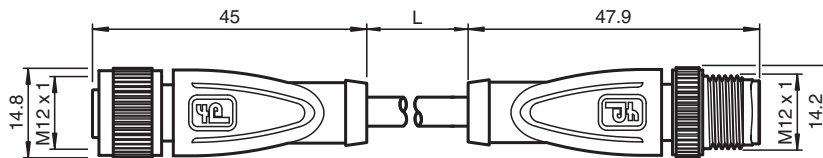
Connection cable, shielded V1-G-0,5M-PVC-ABG-V19-G-Y32209

- Degree of protection IP67 / IP68 / IP69
- Shield connected to screw connection
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Customer-specific configuration

Cordset M12 socket straight A-coded 4-pin to M12 plug straight A-coded 8-pin, PVC cable grey, shielded



Dimensions



Technical Data

General specifications

Customization	Labeling sleeve for the cable not included; with "Made in EU" imprint
Connector 1	
Connection	socket
Construction type	M12
Style	straight
Locking	screw connection
Number of pins	4
Coding	A-coded
Connector 2	
Connection	plug
Construction type	M12
Style	straight
Locking	screw connection
Number of pins	8
Coding	A-coded

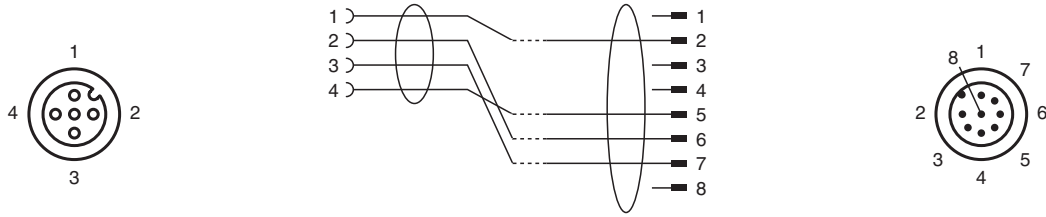
Electrical specifications

Release date: 2023-05-04 Date of issue: 2023-05-04 Filename: 322090_eng.pdf








Technical Data

Operating voltage	U _B	max. 30 V AC/DC
Operating current	I _B	max. 2 A
Conformity		
Degree of protection		EN 60529
Plug connection		connector M12 x 1 : IEC 61076-2-101
Flammability		IEC 60332-2-2
Ambient conditions		
Ambient temperature		
Plug connector		-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed		-30 ... 80 °C (-22 ... 176 °F)
Cable, flexing		-15 ... 80 °C (5 ... 176 °F)
Pollution degree		3
Mechanical specifications		
Plug connector		
Tightening torque		0.6 Nm
Loosening protection		available
Tool installation		straight knurling
Mating cycles		min. 100
Shielding		shield connected to screw connection
Degree of protection		IP67 / IP68 / IP69
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		4.8 mm
Bending radius		> 10 x cable diameter, moving > 5 x cable diameter, fixed
Sheath stripping force		max. 25 N / 100 mm
Sheath color		grey (similar to RAL 7001)
Number of cores		4
Core cross section		0.34 mm ²
Cores color		Core 1-2: brown Core 2-6: white Core 3-7: blue Core 4-5: black
Core construction		19 x 0.15 mm Ø
Shield		tinned copper braiding, 85 % coverage
Length	L	0.5 m
Cable code		Li 9Y YM 4 x 0,34
Material		
Plug connector		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Contact surface		Au
Flammability		V-2
Cable		
Sheathing		PVC
Core insulation		PP
Flammability		flame-resistant

Connection



Accessories

	MH V1-SCREWDRIVER	Torque screwdriver (0.6 Nm)
	MH V1-BIT M12	plug-in cap M12
	V1/V3-LABELHOLDER	Label holder
	V1/V3-LABEL	Label plate
	MH V1-Holder	Modular universal holder for M12 connectors
	V1-CLIP	Unlocking protector for M12 connector
	V1-MARKING-RING-COLOR	Marking rings for M12 connectors, various colors