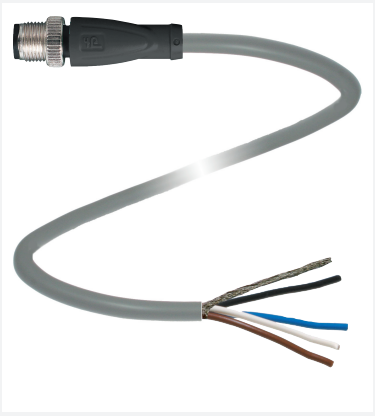


Cable connector, shielded

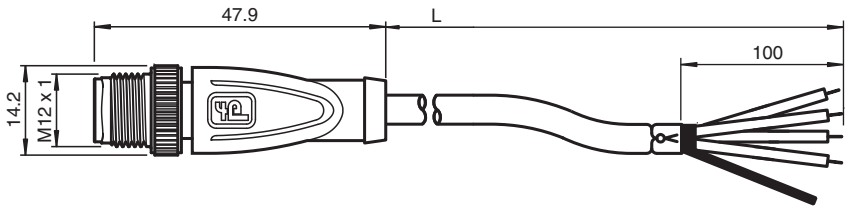
V1S-G-0,5M-PUR-ABG-Y275189

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

Male cordset single-ended M12 straight A-coded, 4-pin, PUR cable grey, shielded

CE

Dimensions



Technical Data

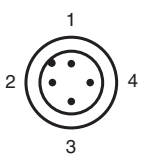
General specifications		
Customization		core ends 2 mm stripped and tinned cable end tied down with wire
Connector 1		
Connection		plug
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		4
Coding		A-coded
Connector 2		
Connection		cable end
Electrical specifications		
Operating voltage	U_B	max. 250 V AC/DC
Operating current	I_B	max. 4 A
Conformity		
Degree of protection		EN 60529

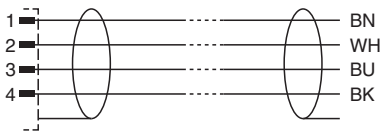
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Technical Data

Plug connection		connector M12 x 1 : IEC 61076-2-101
Halogen-free		DIN VDE 0472-815 DIN EN 50267-2-1
Ambient conditions		
Ambient temperature		
Plug connector		-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed		-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-25 ... 80 °C (-13 ... 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. 100 N / 300 mm
Sheath color		grey (similar to RAL 7001)
Number of cores		4
Core cross section		0.34 mm²
Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black
Core construction		19 x 0.15 mm Ø
Shield		tinned copper braiding, 85 % coverage
Length	L	0.5 m
Cable code		Li 9Y 11YM 4 x 0.34
Material		
Halogen-free		yes
Plug connector		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Contact surface		Au
Flammability		V-2
Cable		
Sheathing		PUR based on polyether
Core insulation		PP
Chemical resistance		good

Connection Assignment





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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

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