

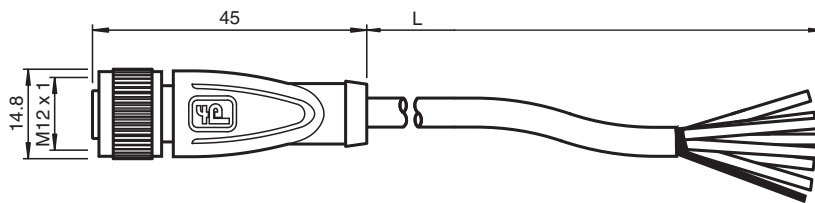
Cable socket, shielded V17-G-5M-PUR

- Degree of protection IP67 / IP68 / IP69
- Halogen-free
- Shield connected to pin 8
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Female cordset single-ended M12 straight A-coded, 8-pin, PUR cable grey, shielded



Dimensions



Technical Data

General specifications

Connector 1		
Connection		socket
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		8
Coding		A-coded
Customization		shield connected to pin 8
Connector 2		
Connection		cable end

Electrical specifications

Operating voltage	U _B	max. 30 V DC
Operating current	I _B	max. 2 A

Conformity

Degree of protection		EN 60529
Plug connection		connector M12 x 1 : IEC 61076-2-101

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Technical Data

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	-20 ... 80 °C (-4 ... 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
Degree of protection	IP67 / IP68 / IP69
Cable	
according to IEC/EN 60228 (DIN VDE 0295) class 5	
Sheath diameter	6 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	8
Core cross-section	0.34 mm ²
Cores color	Core 1: white Core 2: brown Core 3: green Core 4: yellow Core 5: grey Core 6: pink Core 7: blue Core 8: shield
Core construction	14 x 0.15 mm Ø
Shield	tinned copper braiding, 85 % coverage
Length	L 5 m
Cable code	Li 9Y V1 C V1 11Y 8 x 0,25
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

