

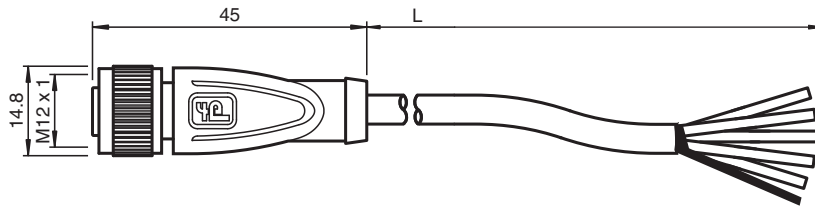
## Cable socket, shielded V15-G-5M-PVC-ABG

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

Female cordset single-ended M12 straight A-coded, 5-pin, PVC cable grey, shielded



### Dimensions



### Technical Data

#### General specifications

Connector 1	
Connection	socket
Construction type	M12
Style	straight
Locking	screw connection
Number of pins	5
Coding	A-coded
Connector 2	
Connection	cable end

#### Electrical specifications

Operating voltage	$U_B$	max. 48 V AC / 60 V DC
Operating current	$I_B$	max. 4 A

#### Conformity

Degree of protection	EN 60529
Plug connection	connector M12 x 1 : IEC 61076-2-101
Flammability	IEC 60332-2-2

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

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## Technical Data

### 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 6
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	5
Core cross-section	0.34 mm <sup>2</sup>
Cores color	Core 1: brown Core 2: white Core 3: blue Core 4: black Core 5: grey
Core construction	19 x 0.15 mm Ø
Shield	tinned copper braiding, 85 % coverage
Length	L 5 m
Cable code	Li 9Y YM 5 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 Assignment

