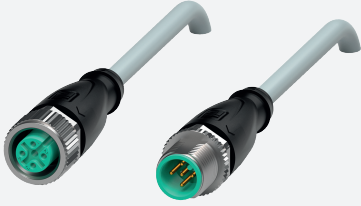


# Connection cable

## V15-G-4,5M-PVC-TP-V15-G

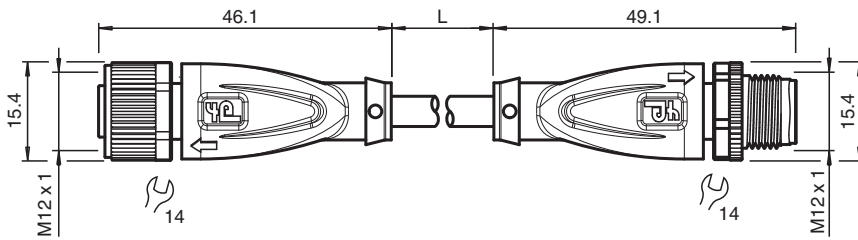


- Degree of protection IP68 / IP69
- Specific design protects against loosening and inaccurate installation

Cordset M12 socket straight A-coded to M12 plug straight A-coded, 5-pin, PVC cable 6-core grey, twisted pairs, overall shield



### 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			plug
Construction type			M12
Style			straight
Locking			screw connection
Number of pins			5
Coding			A-coded
Electrical specifications			
Operating voltage	$U_B$		max. 48 V AC / 60 V DC
Operating current	$I_B$		max. 1 A
Conformity			
Degree of protection			EN 60529
Plug connection			connector M12 x 1 : IEC 61076-2-101
Flammability			IEC 60332-1-2
Ambient conditions			

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

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## Technical Data

Ambient temperature		
Plug connector		-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed		-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-5 ... 70 °C (23 ... 158 °F)
Pollution degree		3
<b>Mechanical specifications</b>		
Plug connector		
Tightening torque		0.6 Nm
Loosening protection		available
Tool installation		straight knurling and hexagon nut SW = 14 mm
Mating cycles		min. 100
Shielding		shield connected to screw connection
Degree of protection		IP68 / IP69
Cable		
Sheath diameter		5.8 mm
Bending radius		> 15 x cable diameter, moving > 6 x cable diameter, fixed
Sheath color		grey (similar to RAL 7032)
Number of cores		6
Core cross section		0.14 mm <sup>2</sup>
Cores color		Core 1: white Core 2: brown Core 3: green Core 4: yellow Core 5: grey Core 6: pink not used
Core construction		3 x 2 x 0.14 mm <sup>2</sup> twisted pairs , overall shield
Shield		tinned copper braiding
Length	L	4.5 m
Cable code		Li Y CY 3 x 2 x 0,14
<b>Material</b>		
Plug connector		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Seal		FKM
Contact surface		gold plated (Au)
Flammability		V-2
Cable		
Sheathing		PVC
Core insulation		PVC
Flammability		flame retardant

## Connection Assignment

