



## Adapter cable

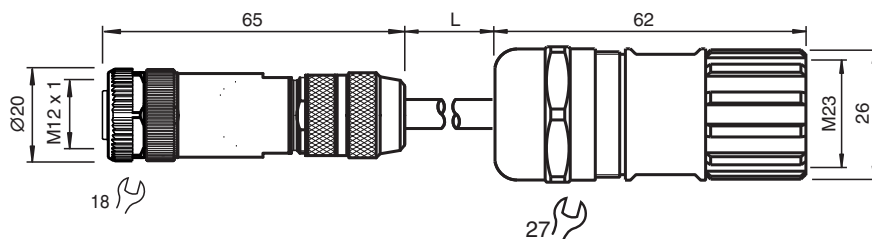
### V15B-G-1M-PUR-ABG-V23-G

- Degree of protection IP67
- Halogen-free
- Knurled nut suitable for tool assembly

Adapter cable M12 socket straight B-coded 5-pin to M23 plug straight A-coded 12-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	5
Coding	B-coded
Connector 2	
Connection	plug
Construction type	M23
Style	straight
Locking	screw connection
Number of pins	12
Coding	A-coded

### Electrical specifications

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

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## Technical Data

Operating voltage	U <sub>B</sub>	max. 30 V AC/DC
Operating current	I <sub>B</sub>	max. 2 A
<b>Conformity</b>		
Degree of protection		EN 60529
Plug connection		connector M12 x 1 : IEC 61076-2-101
Halogen-free		DIN VDE 0472-815 DIN EN 50267-2-1
<b>Ambient conditions</b>		
Ambient temperature		
Connector 1		-40 ... 85 °C (-40 ... 185 °F)
Connector 2		-40 ... 125 °C (-40 ... 257 °F)
Cable, fixed		-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-25 ... 80 °C (-13 ... 176 °F)
Pollution degree		3
<b>Mechanical specifications</b>		
Connector 1		
Tightening torque		0.6 Nm
Tool installation		straight knurling , hexagon nut SW = 18 mm
Mating cycles		min. 50
Shielding		shield connected to screw connection
Degree of protection		IP67
Connector 2		
Tool installation		straight knurling , hexagon nut SW = 27 mm
Mating cycles		min. 1000
Shielding		shield connected to screw connection
Degree of protection		IP67 / IP68 / IP69
Cable		
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 mm <sup>2</sup>
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	1 m
Cable code		Li 9Y 11YM 4 x 0.34
<b>Material</b>		
Halogen-free		yes
Connector 1		
Screw connection		Zinc diecast, nickel-plated
Body		Zinc diecast, nickel-plated
Contact surface		Au
Connector 2		
Screw connection		Diecast zinc
Body		Diecast zinc
Contact surface		Au
Flammability		V-2
Cable		
Sheathing		PUR based on polyether

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### Technical Data

Core insulation	PP
Chemical resistance	good

### Connection Assignment

