



## Adapter cable

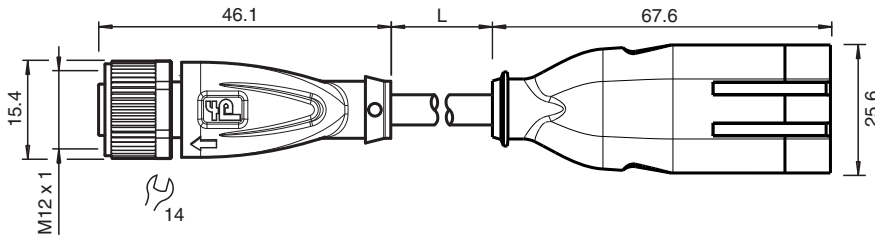
### V11-G-BK5M-PVC-APS3S-G-Y2

- Specific design protects against loosening and inaccurate installation
- Customer-specific configuration
- Image is generic for this device type and may deviate from the specific variant

Adapter cable M12 socket straight A-coded 3-pin to AMP plug straight 3-pin, PVC cable black



## Dimensions



## Technical Data

### General specifications

Customization	customer-specific pin assignment	
Connector 1		
Connection	socket	
Construction type	M12	
Style	straight	
Locking	screw connection	
Number of pins	3	
Coding	A-coded	
Connector 2		
Connection	plug	
Construction type	AMP connector Superseal	
Style	straight	
Locking	snap locking	
Number of pins	3	

### Electrical specifications

Operating voltage	$U_B$	max. 48 V AC/DC
Operating current	$I_B$	max. 8 A

### Conformity

Degree of protection	EN 60529
Plug connection	connector M12 x 1 : IEC 61076-2-101
Flammability	UL 94

### Ambient conditions

Ambient temperature	
Connector 1	-40 ... 90 °C (-40 ... 194 °F)

Release date: 2024-04-12 Date of issue: 2024-04-12 Filename: 70173488\_eng.pdf

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

Pepperl+Fuchs Group  
www.pepperl-fuchs.com

USA: +1 330 486 0001  
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111  
fa-info@de.pepperl-fuchs.com

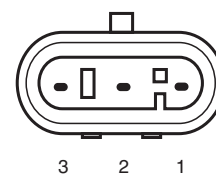
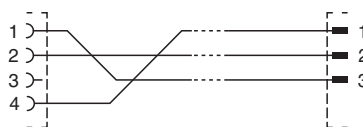
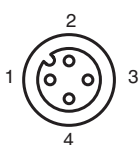
Singapore: +65 6779 9091  
fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS

## Technical Data

Connector 2		-40 ... 125 °C (-40 ... 257 °F)
Cable, fixed		-40 ... 105 °C (-40 ... 221 °F)
Cable, flexing		-25 ... 105 °C (-13 ... 221 °F)
Pollution degree		3
<b>Mechanical specifications</b>		
Connector 1		
Tightening torque		0.6 Nm
Loosening protection		available
Tool installation		straight knurling and hexagon nut SW = 14 mm
Mating cycles		min. 100
Degree of protection		IP68 / IP69
Connector 2		
Loosening protection		available
Degree of protection		IP67
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		4.3 mm
Bending radius		> 10 x cable diameter, moving
Sheath stripping force		max. 10 N / 50 mm
Sheath color		black (similar to RAL 9005)
Number of cores		3
Core cross section		0.34 mm <sup>2</sup>
Cores color		Core 1-3: brown Core 2-2: blue Core 4-1: black
Core construction		19 x 0.15 mm Ø
Length	L	5 m
Cable code		Li Y YM 3 x 0,34
<b>Material</b>		
Connector 1		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Seal		FKM
Contact surface		gold plated (Au)
Flammability		V-2
Connector 2		
Body		PA 6.6 glass-fiber reinforced black
Seal		silicone
Contact surface		gold plated (Au)
Flammability		V-0 / V-2
Cable		
Sheathing		PVC
Cores		bare copper (Cu)
Core insulation		PVC
Flammability		flame-resistant

## Connection Assignment



Release date: 2024-04-12 Date of issue: 2024-04-12 Filename: 70173488\_eng.pdf

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

Pepperl+Fuchs Group  
www.pepperl-fuchs.com

USA: +1 330 486 0001  
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111  
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091  
fa-info@sg.pepperl-fuchs.com

 **PEPPERL+FUCHS**