



Adapter cable

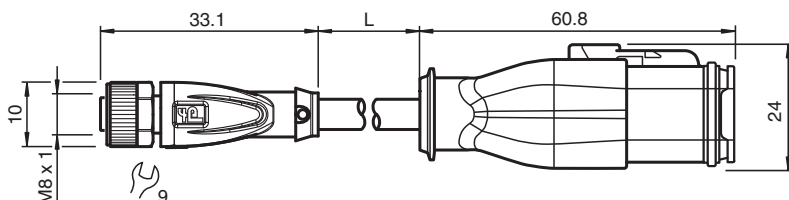
V3-GM-BK1M-PVC-U-DT6S-G-Y80097

- Degree of protection IP66 / IP68
- Specific design protects against loosening and inaccurate installation
- Customer-specific configuration

Adapter cable M8 socket straight A-coded 3-pin to Deutsch socket straight 6-pin, PVC cable black



Dimensions



Technical Data

General specifications

Customization	customer-specific pin assignment	
Connector 1		
Connection		socket
Construction type		M8
Style		straight
Locking		screw connection
Number of pins		3
Coding		A-coded
Connector 2		
Connection		socket
Construction type		Deutsch connectors
Style		straight
Locking		snap locking
Number of pins		6

Electrical specifications

Operating voltage	U_B	max. 48 V AC / 60 V DC
Operating current	I_B	max. 3 A

Conformity

Degree of protection	EN 60529	
Plug connection		connector M8 x 1 : IEC 61076-2-104
Flammability	UL 1581; DIN EN 60332-2-2	

Ambient conditions

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

Release date: 2025-12-16 Date of issue: 2025-12-16 Filename: 70180097_eng.pdf

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

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Technical Data

Connector 2		-40 ... 125 °C (-40 ... 257 °F)
Cable, fixed installation		-25 ... 80 °C (-13 ... 176 °F)
Cable, flexing		-5 ... 80 °C (23 ... 176 °F)
Pollution degree		3
Mechanical specifications		
Connector 1		
Tightening torque		0.4 Nm
Loosening protection		integrated
Tool installation		straight knurling and hexagon nut SW = 9 mm
Mating cycles		min. 100
Degree of protection		IP66 / IP68
Connector 2		
Loosening protection		integrated
Degree of protection		IP68
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		4.3 mm
Bending radius		> 15 x cable diameter, movable installation > 5 x cable diameter, fixed installation
Sheath stripping force		max. 50 N / 300 mm
Sheath color		black (similar to RAL 9005)
Number of cores		3
Core cross section		0.34 mm ²
Cores color		Core 1-1: brown Core 3-3: blue Core 4-5: black
Core construction		19 x 0.15 mm Ø
Length	L	1 m
Cable code		Li YY 3 x 0,34
Material		
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, black
Contact surface		Ni
Flammability		V-0
Cable		
Sheathing		PVC
Cores		bare copper (Cu)
Core insulation		PVC
Flammability		FT1

Connection Assignment

