

Connection cable

V31-WM-5M-PUR-V31-GM

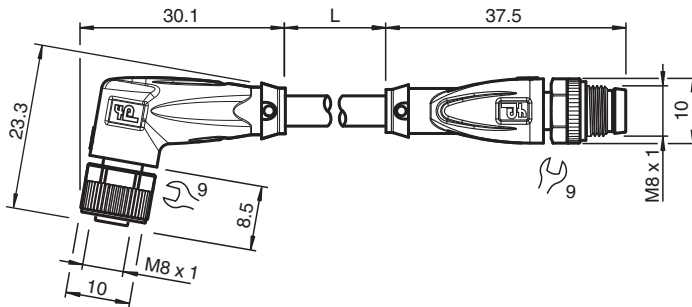


- Degree of protection IP66 / IP68
- Resistant to microbes and hydrolysis
- Halogen-free
- Specific design protects against loosening and inaccurate installation

Cordset M8 socket angled to M8 plug straight A-coded, 4-pin, PUR cable grey



Dimensions



Technical Data

General specifications

Connector 1		
Connection		socket
Construction type		M8
Style		angled
Locking		screw connection
Number of pins		4
Coding		A-coded
Connector 2		
Connection		plug
Construction type		M8
Style		straight
Locking		screw connection
Number of pins		4
Coding		A-coded

Electrical specifications

Operating voltage	U_B	max. 30 V AC/DC
Operating current	I_B	max. 4 A

Conformity

Degree of protection		EN 60529
Plug connection		connector M8 x 1 : IEC 61076-2-104
Halogen-free		IEC 60754-1

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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 installation	-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing	-20 ... 80 °C (-4 ... 176 °F)

Pollution degree	3
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Mechanical specifications

Plug connector

Tightening torque	0.4 Nm
Loosening protection	integrated
Tool installation	straight knurling and hexagon nut SW = 14 mm

Mating cycles	min. 100
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Degree of protection	IP66 / IP68
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Cable	according to IEC/EN 60228 (DIN VDE 0295) class 5
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Sheath diameter	4.3 mm
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Bending radius	> 15 x cable diameter, movable installation > 8 x cable diameter, fixed installation
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Sheath stripping force	max. 60 N / 500 mm
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Sheath color	grey (similar to RAL 7001)
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Number of cores	4
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Core cross section	0.25 mm ²
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Cores color	Core 1: brown Core 2: white Core 3: blue Core 4: black
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Core construction	14 x 0.15 mm Ø
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Length	L	5 m
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Cable code	Li 9Y 11Y 4 x 0,25
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Drag chain suitability	
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Drag chain cycles	max. 50 / day
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Motion velocity	max. 0.3 m/s
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Mass	114.8 g
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Material

Halogen-free	yes
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Plug connector

Screw connection	Zinc diecast, nickel-plated
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Body	TPU, black
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Seal	FKM
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Contact surface	gold plated (Au)
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Flammability	V-2
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Cable

Sheathing	PUR based on polyether
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Cores	bare copper (Cu)
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Core insulation	PP
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Chemical resistance	good
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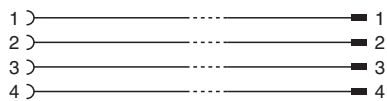
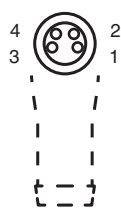
Microbial resistance	yes
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Hydrolysis resistance	yes
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General information

Cable marking sleeve	2x PUR transparent , fixed to cable
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Connection Assignment



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