



Model Number

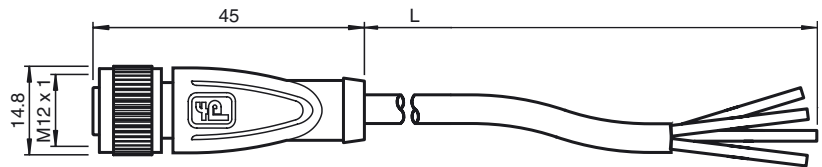
V1-G-N4-50M-PUR

Female cordset, M12, 4-pin, NAMUR, PUR cable

Features

- Suitable for NAMUR technology
- Blue body and sheathing
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K

Dimensions



Technical data

General specifications

Number of pins	4
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	cable end

Electrical specifications

Operating voltage	U_B	max. 250 V AC/DC
Operating current	I_B	max. 4 A
Contact resistance		< 10 mΩ
Inductance		0.55 mH / km
Capacitance		88.3 nF / km

Ambient conditions

Ambient temperature	Body: -40 ... 90 °C (-40 ... 194 °F) cable, fixed: -40 ... 70 °C (-40 ... 158 °F) cable, flexing: -5 ... 70 °C (23 ... 158 °F)
Pollution degree	3

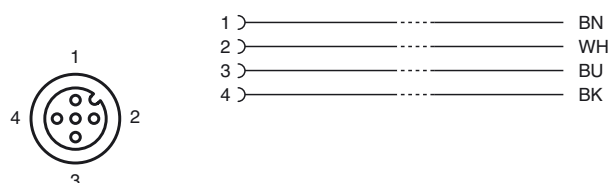
Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP67 / IP68 / IP69k
Cable code	Li FY 11Y 4 x 0.34
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PUR
Slotted nut	Diecast zinc
Core insulation	PVC
Cable	extra-fine wire, flexible
Sheath diameter	Ø4.8 mm
Bending radius	> 15 x cable diameter, moving > 10 x cable diameter, fixed
Color	blue
Cores	4 x 0.34 mm ²
Conductor construction	42 x 0.1 mm Ø
Length	L 50 m
Flammability	
Contact carrier	94 HB
Housing	94 V-2

Compliance with standards and directives

Standard conformity	
Degree of protection	EN 60529:2000

Electrical connection



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

Standards	IEC 61076-2-101:2008
Flammability	Grip: UL 94

Accessories

- MH V1-SCREWDRIVER**
torque screwdriver (0.6 Nm)
- MH V1-BIT M12**
plug-in cap M12
- V1/V3-LABELHOLDER**
Label holder
- V1/V3-LABEL**
Label plate
- MH V1-Holder**
Modular universal holder for M12 connectors
- V1-CLIP**
Unlocking protector for M12 connector
- V1-MARKING-RING-BLUE**
Marking ring for M12 plug
- V1-MARKING-RING-GREEN**
Marking ring for M12 plug
- V1-MARKING-RING-ORANGE**
Marking ring for M12 plug
- V1-MARKING-RING-RED**
Marking ring for M12 plug
- V1-MARKING-RING-WHITE**
Marking ring for M12 plug
- V1-MARKING-RING-YELLOW**
Marking ring for M12 plug

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