

Model Number

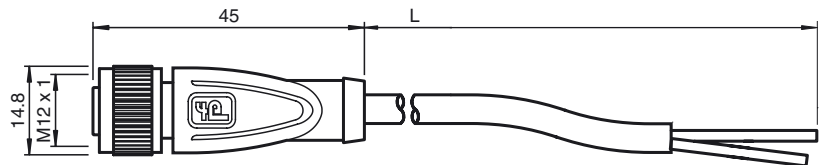
V1-G-N-100M-PUR

Female cordset, M12, 2-pin, NAMUR, PUR cable

Features

- Suitable for NAMUR technology
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K
- Blue sheath
- Suitable for routing intrinsically safe circuits in accordance with DIN EN 60079-14:2014

Dimensions



Technical data

General specifications

Number of pins	2
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 m Ω
Inductance		0.6 mH / km
Capacitance		82 nF / km

Ambient conditions

Ambient temperature	Body: -40 ... 90 °C (-40 ... 194 °F) cable, fixed: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -20 ... 80 °C (-4 ... 176 °F)
Pollution degree	3

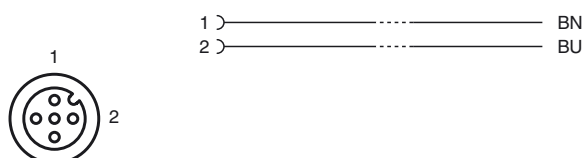
Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP67 / IP68 / IP69k
Cable code	Li FY 11Y 2 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	\varnothing 4.8 mm
Bending radius	> 15 x cable diameter, moving > 10 x cable diameter, fixed
Color	blue
Number of cores	2
Core cross-section	0.34 mm ²
Conductor construction	42 x 0.1 mm \varnothing
Length	L 100 m
Flammability	
Contact carrier	94 HB
Housing	94 V-2

Compliance with standards and directives

Standard conformity

Electrical connection





Degree of protection	EN 60529:2000
Standards	IEC 61076-2-101:2008

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