



Model Number

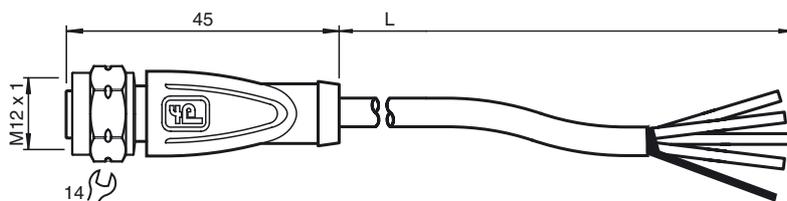
V1-GV4A-10M-PUR-ABG0

Female cordset, M12, Stainless steel V4A, 4-pin, shielded, PUR cable

Features

- Coupling stainless steel nut
- Screen not contacted with the coupling nut
- Gold-plated and machined contacts
- Degree of protection IP67 / IP68 / IP69K
- Halogen-free

Dimensions



Technical data

General specifications

Number of pins	4 + shield
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Coding 1	A-coded
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

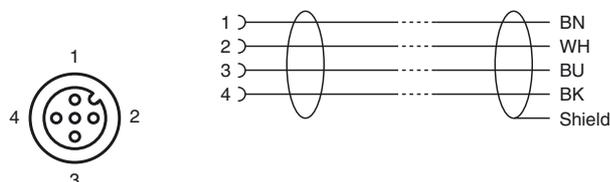
Ambient conditions

Ambient temperature	40 ... 90 °C (104 ... 194 °F) cable, flexing: -25 ... 80 °C (-13 ... 176 °F) cable, fixed: -25 ... 80 °C (-13 ... 176 °F)
Pollution degree	3

Mechanical specifications

Contact elements	spring-loaded contact socket
Degree of protection	IP67 / IP68 / IP69
Material	
Contacts	CuZn
Contact surface	Au
Body	TPU, black
Cable	PUR
Slotted nut	stainless steel 1.4404 / AISI 316L
Core insulation	PP
Cable	according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter	4.8 mm
Bending radius	> 10 x cable diameter, moving 5 x cable diameter, single bend
Color	grey
Number of cores	4
Core cross-section	0.34 mm ²
Cores color	Core 1: brown Core 2: white Core 3: blue Core 4: black
Conductor construction	19 x 0.15 mm Ø
Shield	grid covering 85 %
Length	L 10 m
Flammability	
Contact carrier	HB
Housing	V-2

Electrical connection





Compliance with standards and directives

Standard conformity	
Degree of protection	EN 60529
Specification	connector M12 x 1 : IEC 61076-2-101

Release date: 2019-12-04 13:58 Date of issue: 2019-12-04 70112194_eng.xml

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