Model Number

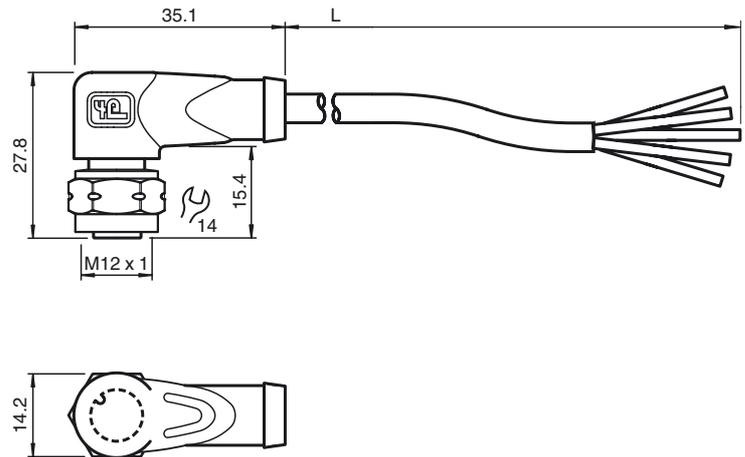**V15-WV4A-BK2M-PUR-U/0,75**

Single-ended female cordset, M12, stainless steel V4A, 5-pin, PUR cable

Features

- Coupling stainless steel nut
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Degree of protection IP67 / IP68 / IP69K
- UL Recognized Component
- Flame resistant cable
- Resistant to microbes and hydrolysis
- Halogen-free
- Suitable for drag chains

Dimensions

Technical data

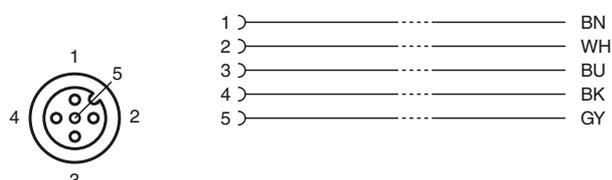| General specifications		
Number of pins		5
Connection 1		socket
Construction type 1		right angle
Threading 1		M12
Connection 2		cable end
UL File Number		E231213
Electrical specifications		
Operating voltage	U_B	max. 48 V AC / 60 V DC
Operating current	I_B	max. 4 A
Contact resistance		< 10 mΩ
Ambient 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
Material		
Contacts		CuSn / Au
Contact surface		Au
Body		TPU, black
Cable		PUR
Slotted nut		Stainless steel 1.4401/316
Core insulation		PP
Cable		fine-strand, flexible
Sheath diameter		Ø 6 mm
Bending radius		> 10 x cable diameter, moving
		> 5 x cable diameter, fixed
Color		black
Cores		5 x 0.75 mm^2
Conductor construction		42 x 0.15 mm Ø
Length	L	2 m
Flammability		
Contact carrier		94 HB
Housing		94 V-2
Compliance with standards and directives		
Standard conformity		
Degree of protection		EN 60529:2000
Flammability		Grip: UL 94
Specification		connector M12 x 1 : IEC 61076-2-101

Electrical connection

1		BN
2		WH
3		BU
4		BK
5		GY

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Approvals and certificates

UL approval	cURus AWM 20549 AWM I/II A/B 80°C 300V FT2 (cable)

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

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