



Model Number

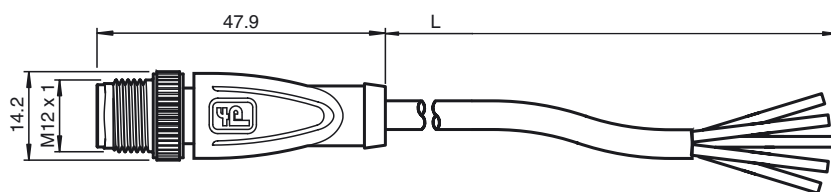
V15S-G-BK2M-PUR-U/0,75

Cable connector, M12, 5-pin, PUR cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Suitable for drag chains
- UL Recognized Component
- Degree of protection IP67 / IP68 / IP69K
- Gold plated contacts

Dimensions



Technical data

General specifications

Number of pins	5
Connection 1	Male connector
Construction type 1	straight
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
Volume resistance		< 5 m Ω

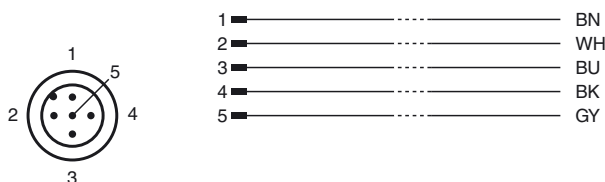
Ambient conditions

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)
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Mechanical specifications

Pin diameter	1 mm
Degree of protection	IP67 / IP68 / IP69k
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PUR
Sleeve connector	Diecast zinc
Core insulation	PP
Cable	fine-strand, flexible
Sheath diameter	$\varnothing$ 6 mm
Bending radius	> 10 x cable diameter, appropriate for conveyor chains > 5 x cable diameter, fixed
Color	black
Number of cores	5
Core cross-section	0.75 mm ²
Conductor construction	42 x 0.15 mm $\varnothing$
Length	L 2 m
Drag chain suitability	
Drag chain cycles	$\geq$ 2000000
Motion velocity	$\leq$ 3.3 m/s
Traverse distance	5 m
Acceleration	$\leq$ 5 m/s ²
Torsional stress	$\pm$ 180 °/m
Flammability	
Contact carrier	HB
Housing	V-2

Electrical connection



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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

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