

Model Number

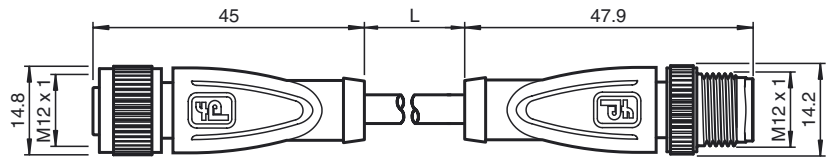
V11-G-BK3M-PUR-U-V11-G

Connection cable, M12, 3 pin, PUR cable

Features

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

Dimensions



Technical data

General specifications

Number of pins	3
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	Male connector
Construction type 2	straight
Threading 2	M12
UL File Number	E231213

Electrical specifications

Operating voltage	U _B	max. 300 V DC
Test voltage		> 1500 V _{eff} AC
Operating current		max. 4 A
Volume resistance		< 5 mΩ

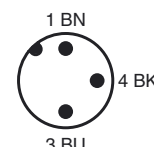
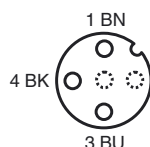
Ambient conditions

Ambient temperature	-25 ... 100 °C (-13 ... 212 °F) for temperatures over 80 °C (176 °F) reduced elongation at tear
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, green
Cable	PUR
Slotted nut	Diecast zinc
Sleeve connector	Diecast zinc
Core insulation	PP
Cable	extra-fine wire, flexible
Sheath diameter	Ø 4.3 mm
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, fixed
Color	black
Cores	3 x 0.34 mm ²
Conductor construction	42 x 0.1 mm Ø
Length	L 3 m
Drag chain suitability	
Drag chain cycles	≥ 5000000
Motion velocity	≤ 3.3 m/s
Acceleration	≤ 5 m/s ²
Torsional stress	± 180 °/m

Electrical connection



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Flammability	
Contact material	94 V-2
Housing	94 V-2
Cable	FT2
Approvals and certificates	
UL approval	cURus AWM 20549 AWM I/II A/B 80°C 300V FT2 (cable)

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