



Model Number

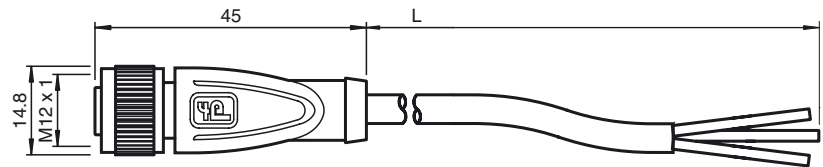
V11-G-BK5M-PUR-U

Female cordset, M12, 3-pin, PUR cable

Features

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Flame resistant cable
- Halogen-free
- 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	cable end
UL File Number	E231213

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	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

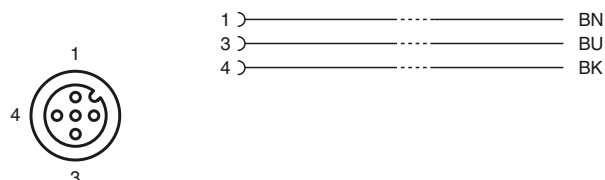
Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP67 / IP68 / IP69k
Cable code	Li 9Y 11Y 3 x 0.34

Material

Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PUR
Slotted nut	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
Number of cores	3
Core cross-section	0.34 mm ²
Conductor construction	42 x 0.1 mm Ø
Length	L 5 m
Drag chain suitability	
Drag chain cycles	≥ 5000000
Motion velocity	≤ 3.3 m/s
Acceleration	≤ 5 m/s ²
Torsional stress	± 180 °/m
Flammability	
Contact carrier	94 HB

Electrical connection





Housing	94 V-2
Cable	flame-resistant
Compliance with standards and directives	
Standard conformity	
Degree of protection	EN 60529:2000
Standards	IEC 61076-2-101:2008
Flammability	Body: UL 94 Line: UL 1581 Section 1061; IEC 60332-1-2:2004
Halogen-free	IEC 60754-1:1994
Approvals and certificates	
UL approval	UL Recognized General purpose
Maximum permissible operating voltage ≤ 30 V	
Maximum permissible ambient temperature ≤ 80 °C (≤ 176 °F)	