



Model Number

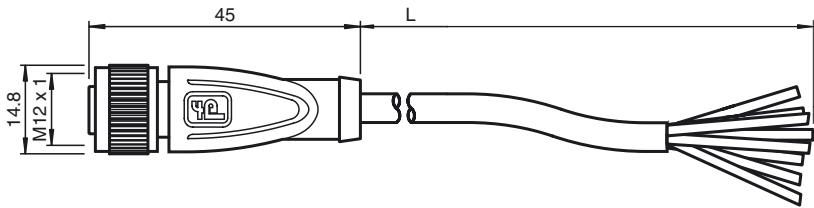
V19-G-BK5M-PVC-U

Female cordset, M12, 8-pin, PVC cable

Features

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Flame resistant cable
- Resistant to microbes and hydrolysis
- Degree of protection IP67 / IP68 / IP69K

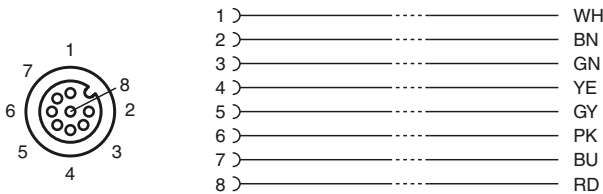
Dimensions



Technical data

General specifications		
Number of pins		8
UL File Number		E231213
Electrical specifications		
Operating voltage	U _B	max. 30 V AC/DC
Operating current	I _B	max. 2 A
Volume resistance		< 5 mΩ
Ambient conditions		
Ambient temperature		Body: -40 ... 90 °C (-40 ... 194 °F) cable, flexing: -20 ... 80 °C (-4 ... 176 °F) cable, fixed: -40 ... 80 °C (-40 ... 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		PVC
Slotted nut		Diecast zinc
Seal		FKM
Core insulation		PP
Cable		
Sheath diameter		Ø 6.3 mm
Bending radius		> 10 x cable diameter, appropriate for conveyor chains > 5 x cable diameter, fixed
Color		black
Number of cores		8
Core cross-section		0.34 mm ²
Conductor construction		42 x 0.1 mm Ø
Length	L	5 m
Flammability		
Contact carrier		HB
Housing		V-2
Compliance with standards and directives		
Standard conformity		
Degree of protection		EN 60529:2000
Flammability		Grip: UL 94 Cable: UL 1581 Section 1100; IEC 60332-1-2:2004
Approvals and certificates		
UL approval		UL Recognized General purpose

Electrical connection



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Maximum permissible operating voltage $\leq 30\text{ V}$

Maximum permissible ambient temperature $\leq 80\text{ °C}$ ($\leq 176\text{ °F}$)

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