



Model Number

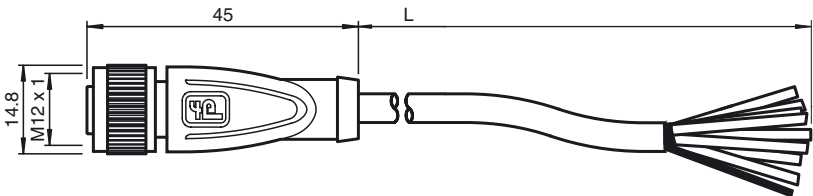
V19-G-BK2M-PVC-U/ABG

Female cordset, M12, 8-pin, shielded, PVC cable

Features

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Shield attached to coupling nut

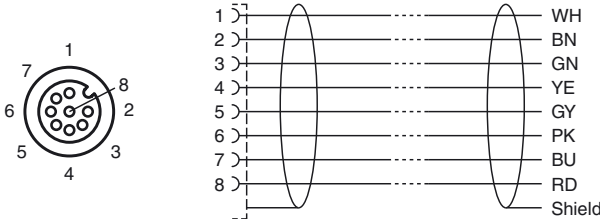
Dimensions



Technical data

General specifications		
Number of pins		8 + shield
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. 30 V DC
Operating current	I _B	max. 2 A
Volume resistance		< 5 mΩ
Ambient conditions		
Ambient temperature		Body: -40 ... 90 °C (-40 ... 194 °F) cable, fixed: -25 ... 80 °C (-13 ... 176 °F) cable, flexing: -15 ... 80 °C (5 ... 176 °F)
Pollution degree		3
Mechanical specifications		
Contact elements		spring-loaded contact socket
Pin diameter		0,8 mm
Degree of protection		IP67
Material		
Contacts		CuSn / Au
Contact surface		Au
Body		TPU, black
Cable		PVC
Slotted nut		Diecast zinc
Core insulation		PVC
Cable		fine-strand, flexible
Sheath diameter		Ø 6 mm
Bending radius		> 10 x cable diameter, moving > 5 x cable diameter, fixed
Color		black
Number of cores		8
Core cross-section		0.25 mm ²
Conductor construction		14 x 0.15 mm Ø
Shield		grid covering 85 %
Length	L	2 m
Flammability		
Contact carrier		94 HB
Housing		94 V-2
Approvals and certificates		
UL approval		cURus AWM 20549 AWM I/II A/B 80°C 300V FT2 (cable)

Electrical connection



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Accessories

MH V1-SCREWDRIVER

torque screwdriver (0.6 Nm)

MH V1-BIT M12

plug-in cap M12

V1/V3-LABEL

Label plate

V1/V3-LABELHOLDER

Label holder

MH V1-Holder

VAZ-V1-B3

Blind plug for M12 sockets

VAZ-V1S-B

Blind plug for M12 sockets

V1-BV

Blind plug for M12 sockets

V1-MARKING-RING-BLUE

V1-MARKING-RING-GREEN

V1-MARKING-RING-ORANGE

V1-MARKING-RING-RED

V1-MARKING-RING-WHITE

V1-MARKING-RING-YELLOW