



Model Number

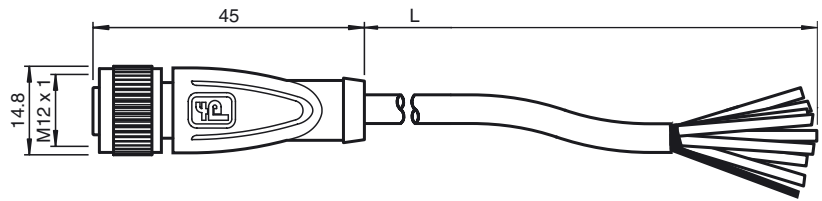
V19-G-BK2M-PVC-U/ABG

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 m Ω

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

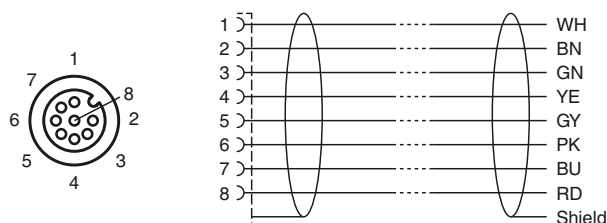
Mechanical specifications

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)
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Electrical connection



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