



### Model Number

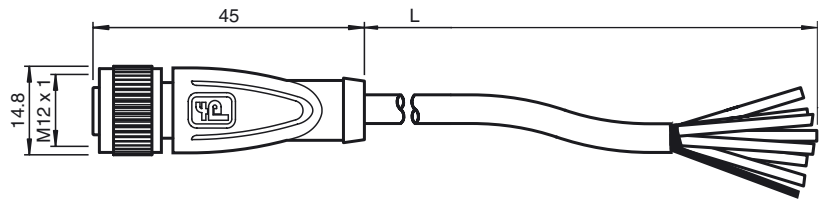
#### V19-G-BK2M-PUR-U/ABG

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

### Features

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

### Dimensions



### Technical data

#### General specifications

Number of pins	8 + shield
UL File Number	E231213

#### Electrical specifications

Operating voltage	$U_B$	max. 30 V DC
Test voltage		> 1500 V <sub>eff</sub> AC
Operating current	$I_B$	max. 2 A
Volume resistance		< 5 mΩ

#### Ambient conditions

Ambient temperature	-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	0,8 mm
Degree of protection	IP67

#### Material

Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PUR
Slotted nut	Diecast zinc
Core insulation	PP

Cable	fine-strand, flexible	
Sheath diameter	Ø 6 mm	
Bending radius	> 10 x cable diameter, moving	
Color	black	
Cores	8 x 0.25 mm <sup>2</sup>	
Conductor construction	14 x 0.15 mm Ø	
Shield	grid covering 85 %	
Length	L	2 m

#### Flammability

Contact material	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

