



Model Number

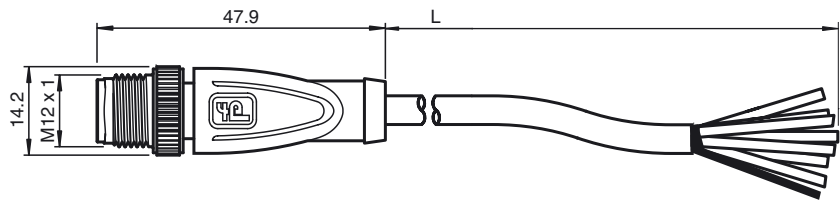
V19S-G-BK5M-PUR-U/ABG

Cable connector, M12, 8-pin, PUR cable, shielded

Features

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

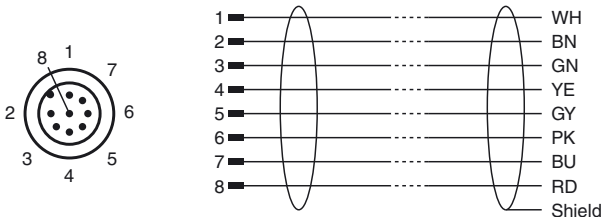
Dimensions



Technical data

General specifications			
Number of pins		8 + shield	
Electrical specifications			
Operating voltage	U _B	max. 30 V AC/DC	
Test voltage		> 1500 V _{eff} AC	
Operating current	I _B	max. 2 A	
Volume resistance		< 5 mΩ	
Ambient conditions			
Ambient temperature		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	
Material			
Contacts		CuSn / Au	
Contact surface		Au	
Body		TPU, black	
Cable		PUR	
Sleeve connector		Diecast zinc	
Core insulation		PP	
Cable			
Sheath diameter		Ø 6 mm	
Bending radius		> 10 x cable diameter, moving > 8 x cable diameter, fixed	
Color		black	
Cores		8 x 0.25 mm ²	
Conductor construction		14 x 0.15 mm Ø	
Shield		grid covering 85 %	
Length	L	5 m	
Approvals and certificates			
UL approval		cURus AWM 20549 AWM I/II A/B 80°C 300V FT2 (cable)	

Electrical connection



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