



Model Number

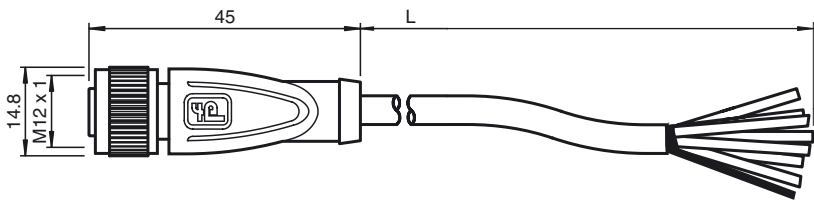
V19-G-BK20M-PUR-U/ABG

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

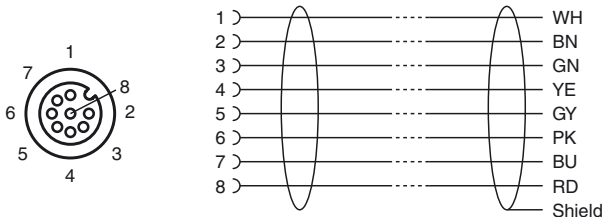
Dimensions



Technical data

General specifications			
Number of pins		8 + shield	
UL File Number		E231213	
Electrical specifications			
Operating voltage	U _B	max. 30 V DC	
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			
Cable		fine-strand, flexible	
Sheath diameter		Ø 6 mm	
Bending radius		> 10 x cable diameter, moving	
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	20 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



Release date: 2017-02-10 15:41 Date of issue: 2017-02-10 456428_eng.xml