



Model Number

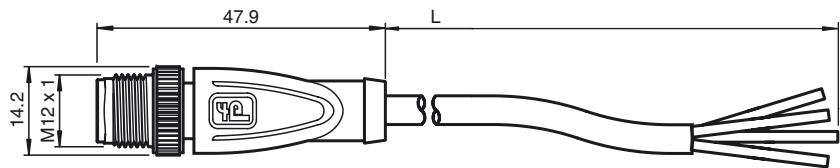
V1S-G-20M-PVC

Cable connector, M12, 4-pin, PVC cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K
- Suitable for 2-, 3- and 4-wire technology

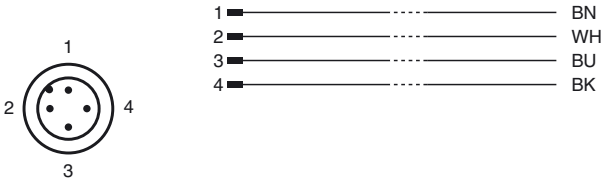
Dimensions



Technical data

General specifications			
Number of pins		4	
Connection 1		Male connector	
Construction type 1		straight	
Threading 1		M12	
Connection 2		cable end	
Electrical specifications			
Operating voltage	U _B	max. 300 V DC	
Test voltage		> 1500 V _{eff} AC	
Operating current		max. 4 A	
Volume resistance		< 5 mΩ	
Ambient conditions			
Ambient temperature		-40 ... 90 °C (-40 ... 194 °F) cable, fixed: -25 ... 70 °C (-13 ... 158 °F) cable, flexing: -5 ... 70 °C (23 ... 158 °F)	
Pollution Degree		3	
Mechanical specifications			
Contact elements		spring-loaded contact socket	
Pin diameter		1 mm	
Degree of protection		IP67 / IP68 / IP69k	
Material			
Contacts		CuSn / Au	
Contact surface		Au	
Body		TPU, black	
Cable		PVC	
Sleeve connector		Diecast zinc	
Core insulation		PVC	
Cable			
Sheath diameter		Ø4.8 mm	
Bending radius		> 10 x cable diameter, moving	
Color		grey	
Cores		4 x 0.34 mm ²	
Conductor construction		19 x 0.15 mm Ø	
Length	L	20 m	
Flammability			
Contact material		94 HB	
Housing		94 V-2	

Electrical connection



Release date: 2014-07-04 13:41 Date of issue: 2014-07-04 192024_eng.xml