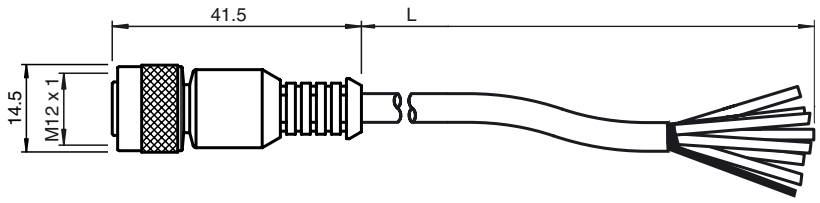


Dimensions



Model number

V17-G-2M-PUR

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

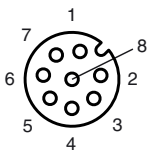
Features

- Immunity to vibration, with mechanical latching
- Shield applied to Pin 8
- Gold plated contacts
- Halogen-free

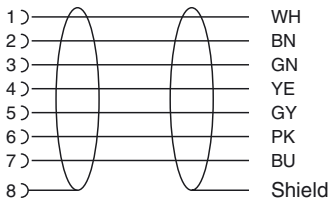
Technical data

General specifications		
Number of poles		7 + 1 x screen
Connection 1		Connector, female
Construction type 1		straight
Threading 1		M12
Connection 2		free cable end
Electrical specifications		
Operating voltage		max. 300 V DC
Test voltage		> 800 V_{eff} AC
Operating current		max. 2 A
Volume resistance		< 3 mΩ , Contact resistance 53 Ω/km
Ambient conditions		
Ambient temperature		Cable, moving: -5 to 70 °C (268 to 343 K), Cable, fixed: -25 to 70 °C (248 to 343 K)
Degree of soiling		3
Mechanical specifications		
Protection degree		IP67
Material		
Contacts		CuSn
Contact surface		Au
Handle		PUR
Cable		PUR
Slotted nut		CuZn, nickel-plated
Core isolation		PP
Cable		fine-strand, flexible
Sheath diameter		Ø 6 mm
Bend radius		Cable, moving: 60 mm, Cable, fixed: 30 mm
Colour		black
Cores		7 x 0.25 mm^2
Conductor construction		19 x 0.13 mm Ø
Shield		Braid
Length	L	2 m

Electrical connection 1



Electrical connection 2



Release date: 2007-03-30 15:39 Date of issue: 2007-04-13 051231_ENG.xml

Subject to reasonable modifications due to technical advances.
Copyright Pepperl+Fuchs, Printed in Germany