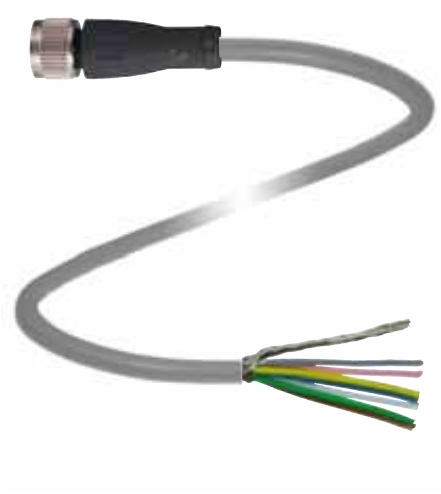


Model Number

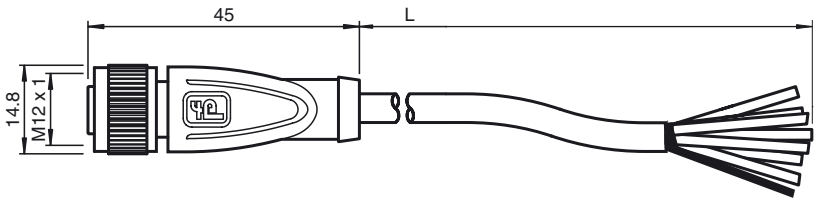
V17-G-5M-PUR

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

Features

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

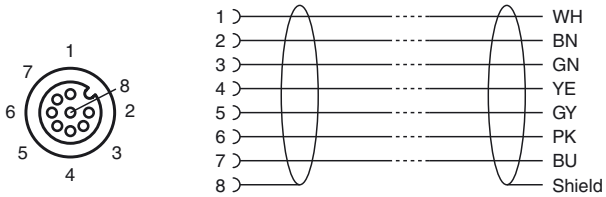
Dimensions



Technical data

General specifications		
Number of pins		7 + 1 x screen
Connection 1		socket
Construction type 1		straight
Threading 1		M12
Connection 2		cable end
Electrical specifications		
Operating voltage	U_B	max. 300 V DC
Test voltage		> 800 V_{eff} AC
Operating current		max. 2 A
Volume resistance		< 10 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)
Pollution Degree		3
Mechanical specifications		
Contact elements		spring-loaded contact socket
Pin diameter		1 mm
Degree of protection		IP67
Material		
Contacts		CuSn
Contact surface		Au
Body		TPU, black
Cable		PUR
Slotted nut		CuZn, nickel-plated
Core insolation		PP
Cable		fine-strand, flexible
Sheath diameter		Ø 6 mm
Bending radius		Cable, moving: 60 mm, Cable, fixed: 30 mm
Color		black
Cores		7 x 0.25 mm^2
Conductor construction		19 x 0.13 mm Ø
Shield		grid
Length	L	5 m
Flammability		
Contact material		94 HB
Housing		94 V-2
Compliance with standards and directives		
Standard conformity		
Degree of protection		EN 60529:2000
Standards		IEC 61076-2-101:2008
Flammability		Grip: UL 94

Electrical connection



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