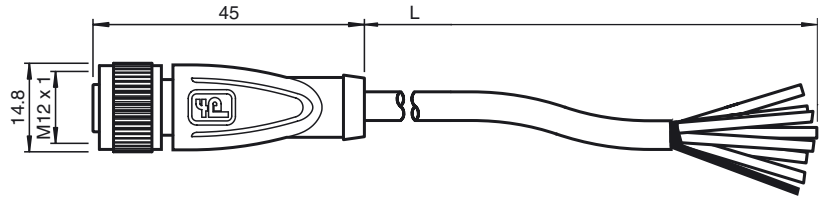




Dimensions



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

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. 30 V DC
Operating current	I_B	max. 2 A
Volume resistance		< 10 mΩ , Contact resistance 53 Ω/km

Ambient conditions

Ambient temperature		cable, flexing: -5 to 70 °C (268 to 343 K), cable, fixed: -25 to 70 °C (248 to 343 K)
Pollution degree		3

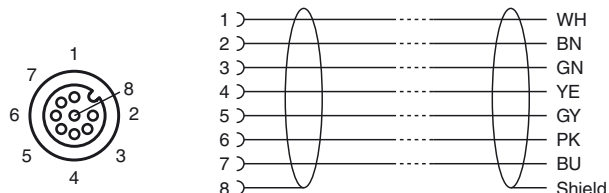
Mechanical specifications

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 insulation		PP
Cable		
Sheath diameter		Ø 6 mm
Bending radius		> 10 x cable diameter, moving
Color		grey
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	5 m
Flammability		
Contact carrier		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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