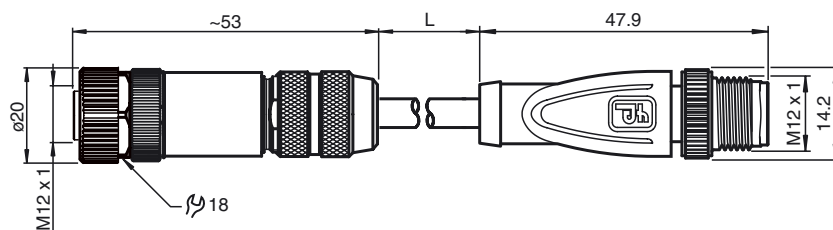




Dimensions



Model Number

V19-G-2M-PVC-TP-V19-G
 Double-ended cordset, M12 to M12,
 PVC cable, 8-pin, shielded

Features

- Metal housing
- Iris spring screening
- Shielded twisted pair

Technical data

General specifications

Number of pins	8 + shield
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	Male connector
Construction type 2	straight
Threading 2	M12

Electrical specifications

Operating voltage	U_B	max. 30 V AC/DC
Operating current	I_B	max. 2 A
Characteristic impedance		$100 \Omega \pm 15 \Omega (> 1 \text{ MHz})$

Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
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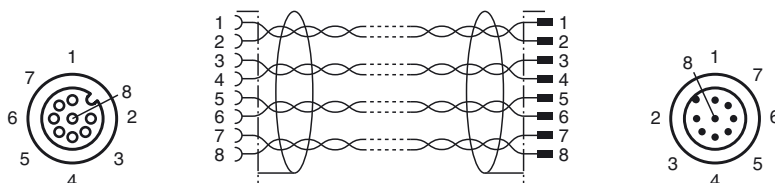
Mechanical specifications

Contact elements	spring-loaded contact socket
Degree of protection	IP67
Material	
Contacts	CuZn
Contact surface	Au
Body	Zinc die-casting, nickel-plated TPU, black
Cable	PVC
Slotted nut	Diecast zinc
Core insulation	PVC
Cable	fine-strand, flexible
Sheath diameter	$\varnothing 6.2 \text{ mm}$
Bending radius	> 15 x cable diameter, moving > 6 x cable diameter, fixed
Color	grey
Cores	$4 \times 2 \times 0.14 \text{ mm}^2$
Shield	grid
Length	L 2 m

Compliance with standards and directives

Standard conformity	
Degree of protection	EN 60529:2000
Standards	IEC 61076-2-101:2008

Electrical connection



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