

Receptacles

V1S-K-M16P-50

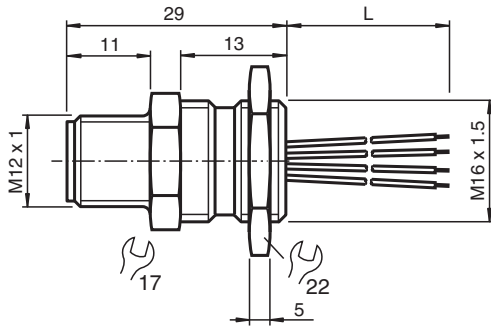


- Plastic version
- Front/screw mounting
- M12 plug can be mounted in any position

Receptacles, M12/M16, 4-pin



Dimensions



Technical Data

General specifications

Connector 1		
Connection		plug
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		4
Coding		A-coded
Connector 2		
Connection		cable end

Electrical specifications

Operating voltage	U_B	max. 250 V AC/DC
Operating current	I_B	max. 4 A
Volume resistance		< 5 mΩ

Conformity

Degree of protection		EN 60529
Plug connection		connector M12 x 1 : IEC 61076-2-101

Ambient conditions

Ambient temperature		-25 ... 80 °C (-13 ... 176 °F)
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Mechanical specifications

Degree of protection		IP67 when sealing with O-Ring
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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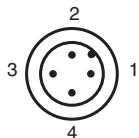
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Technical Data

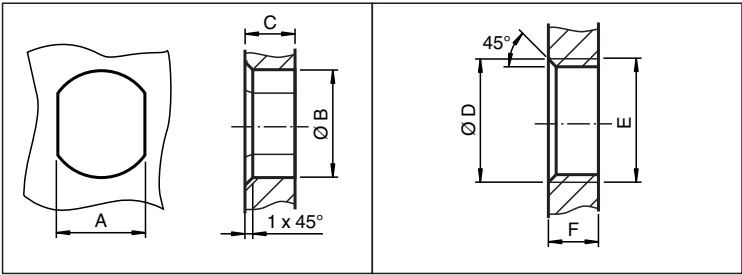
Connection		Single strand leads with connector sleeves	
Cable			
Number of cores			4
Core cross section			0.14 mm²
Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black	
Core construction			18 x 0.1 mm Ø
Length		L	50 mm
Installation			Front mounting M16
Mass			9.76 g
Material			
Plug connector			
Screw connection			PA 66, black
Seal			NBR
Contact surface			gold plated (Au)
Cable			
Core insulation			PVC
General information			
Scope of delivery			locknut included

Connection Assignment



1	■		BN
2	■		WH
3	■		BU
4	■		BK

Mounting



	A	B	C	D	E	F
M8	7.1 ^{+0.1}	Ø 8.2 ^{+0.1}	2 - 4 mm	-	M8x0.5	2 - 4 mm
M12	11 ^{+0.1}	Ø 12.2 ^{+0.1}	< 4 mm	-	M12x1	< 4.5 mm
M16	13.5 ^{+0.1}	Ø 16.1	< 4.5 mm	Ø 17 ^{+0.2}	M16x1.5	> 2.5 mm
M20	13.5 ^{+0.1}	Ø 20.1	-	Ø 20 ^{+0.2}	M20x1.5	< 6 mm
PG9	13.5 ^{+0.1}	Ø 15.3 ^{+0.1}	< 4.5 mm	Ø 16	PG9	> 2.5 mm
PG13.5	18.8 ^{+0.1}	Ø 20.5 ^{+0.1}	-	Ø 22 ^{±0.1}	PG13.5	-

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Scope of Delivery

O-ring (13,3 x 1,5) and lock nut are included and assembled.

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