Receptacles

V1S-K-M16P-50

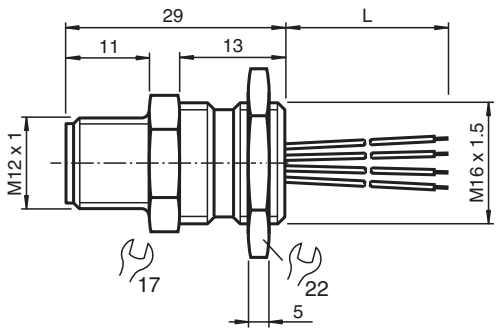


- Plastic version
- Front/screw mounting
- M12 plug can be mounted in any position

Receptacles, M12/M16, 4-pin

CE

Dimensions



Technical Data

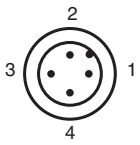
General specifications		
Connector 1		
Connection		plug
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		4
Coding		A-coded
Connector 2		
Connection		cable end
Electrical specifications		
Operating voltage	U_B	max. 250 V AC/DC
Operating current	I_B	max. 4 A
Volume resistance		< 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)
Mechanical specifications		
Degree of protection		IP67 when sealing with O-Ring

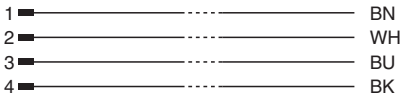
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Technical Data

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

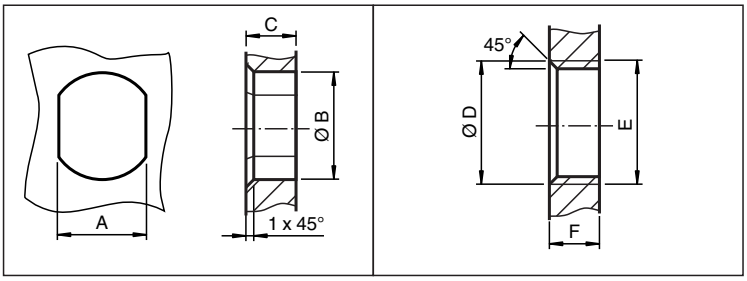
Connection Assignment





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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 $22^{\pm 0.1}$	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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