

Receptacles

V1S-K-PG9P-90

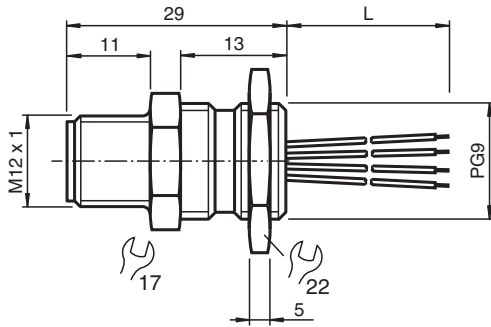


- Plastic version
- Front/screw mounting
- M12 plug can be mounted in any position

Receptacles, M12/PG9, 4-pin; plastic version



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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Release date: 2025-01-10 Date of issue: 2025-01-10 Filename: 317057_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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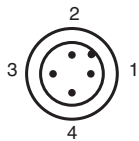
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Technical Data

Connection		Single strand leads with connector sleeves
Cable		
Number of cores		4
Core cross section		0.25 mm²
Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black
Length	L	80 mm
Installation		Front mounting PG9
Mass		10.72 g
Material		
Plug connector		
Screw connection		plastic
Body		plastic
Seal		NBR
Contact surface		gold plated (Au)
Cable		
Core insulation		PVC
General information		
Scope of delivery		locknut included

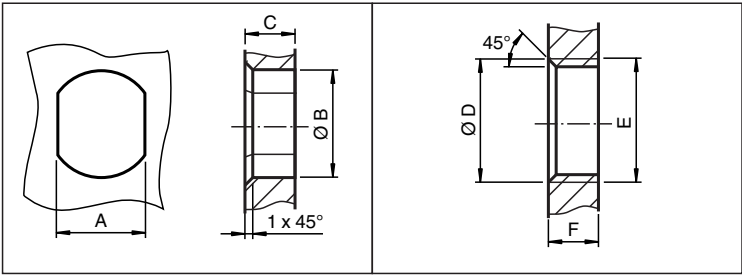
Connection Assignment



1	BN
2	WH
3	BU
4	BK

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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 ^{±0.1}	PG13.5	-

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