

Receptacles

V15L-M16-500

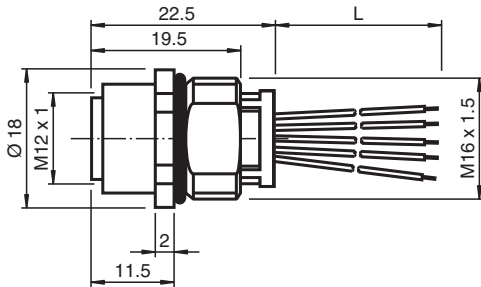


- Front/screw mounting
- UL Recognized Component

Receptacle M12 socket straight L-coded, 5-pin, single cores, mounting M16



Dimensions



Technical Data

General specifications

Connector 1		
Connection		socket
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		5
Coding		L-coded
Connector 2		
Connection		cable end

Electrical specifications

Rated voltage	U_r	63 V
Rated current	I_r	12 A
Surge protection		Category III
Insulation resistance		min. 10000 M Ω

Conformity

Degree of protection		EN 60529
Plug connection		connector M12 x 1 : IEC 61076-2-111

Approvals and certificates

UL File Number		E363587
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Ambient conditions

Ambient temperature		-40 ... 105 °C (-40 ... 221 °F)
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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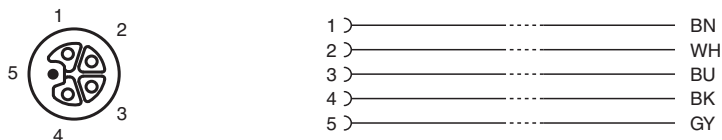
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Technical Data

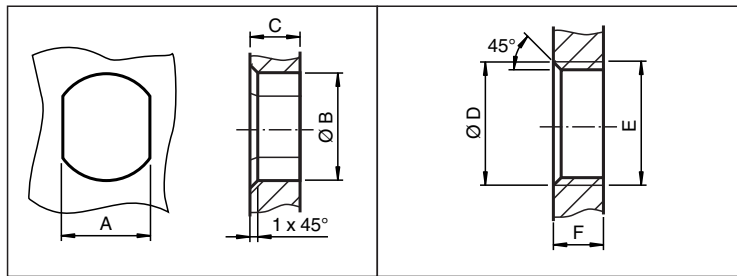
Pollution degree		3
Mechanical specifications		
Plug connector		
Tightening torque		0.6 Nm
Mating cycles		min. 100
Degree of protection		IP68
Connection		flexible leads (16 AWG)
Cable		
Number of cores		5
Core cross section		1.5 mm ² / 16 AWG
Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black Core 5: grey
Length	L	500 m
Installation		Front mounting M16 , tightening torque: 1.25 Nm
Mass		42.76 g
Material		
Plug connector		
Screw connection		Zinc diecast, nickel-plated
Seal		FKM
Contact surface		gold plated (Au)
General information		
Scope of delivery		locknut not included

Connection



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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	-