



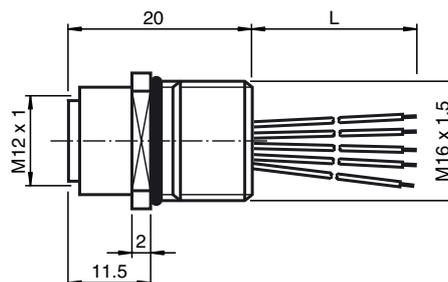
Model Number

V15-M16-500
Receptacles, M12/M16, 5-pin

Features

- Front/screw mounting
- Suitable for 2-, 3- and 4-wire technology
- SPEEDCON technology

Dimensions



Technical data

General specifications

Number of pins	5
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	cable end
UL File Number	E191152

Electrical specifications

Operating voltage	U_B	max. 60 V DC
Test voltage		> 2000 V _{eff} AC
Operating current	I_B	max. 4 A
Volume resistance		< 3 mΩ
Insulation resistance		≥ 100 MΩ

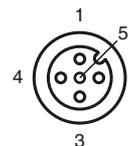
Ambient conditions

Ambient temperature	-40 ... 85 °C (-40 ... 185 °F)
Pollution degree	3

Mechanical specifications

Pin diameter	1 mm
Degree of protection	IP67
Connection	Tinned copper single leads, Ø1.2 ±0.07 mm
Material	
Contacts	CuZn
Contact surface	Au
Threaded bushings	Zinc die-casting, nickel-plated
Seal	FKM
Core insulation	TPE
Cable	
Number of cores	5
Core cross-section	0.34 mm ²
Conductor construction	7 x 0.25 mm Ø
Length	L 500 mm

Electrical connection



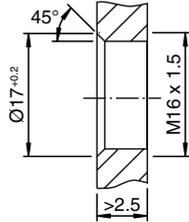
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Electrical connection

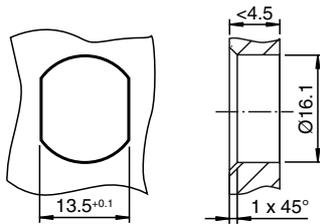
- 1) ————— BN
- 2) ————— WH
- 3) ————— BU
- 4) ————— BK
- 5) ————— GY

Note

Housing cutout for M16 fastening thread, mounting panel with thread:



Housing cutout for M16 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation):



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