



Model Number

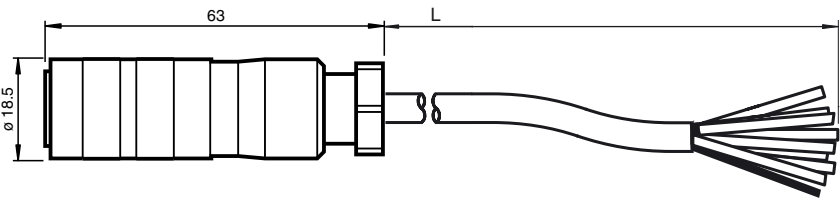
42312A-05M-12P-SCS

Single-ended female cordset, M16, 12-pin, PVC cable, 12-wire

Features

- Degree of protection IP67
- Gold plated contacts

Dimensions



Technical data

General specifications

Number of pins	12
Connection 1	socket
Construction type 1	straight
Threading 1	M16
Connection 2	cable end

Electrical specifications

Operating voltage	U _B	max. 30 V DC
Test voltage		1000 V
Operating current	I _B	max. 1 A
Volume resistance		< 5 mΩ

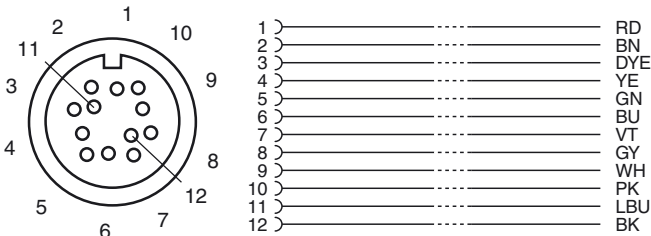
Ambient conditions

Ambient temperature	cable, fixed: -30 ... 80 °C (-22 ... 176 °F) cable, flexing: -5 ... 70 °C (23 ... 158 °F)
Pollution degree	1

Mechanical specifications

Degree of protection	IP67
Material	
Contacts	CuSn
Contact surface	Au
Housing	CuSn, nickel-coated
Cable	PVC
Core insulation	PVC
Cable	fine-strand, flexible
Sheath diameter	Ø 7.8 mm ± 0.2 mm
Bending radius	Cable, floating: ≥ 156 mm, Cable, fixed: ≥ 78 mm
Color	black
Cores	12 x 0.12 mm ² + shield
Shield	grid 70 % coverage
Length	L 5 m

Electrical connection



Release date: 2019-08-19 15:10 Date of issue: 2019-08-23 126230_eng.xml

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

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