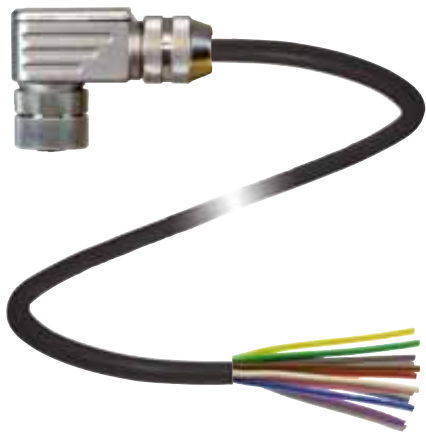




Model Number

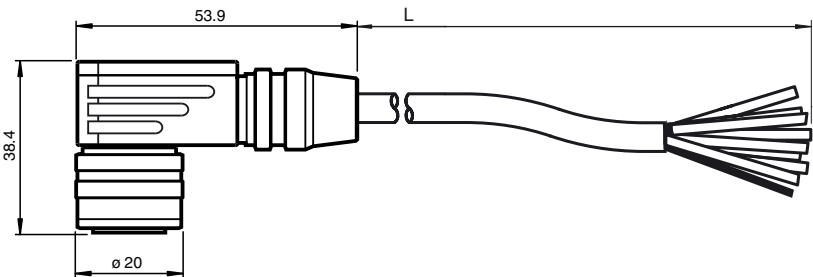
42312B-05M-12P-SCS

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		right angle
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		
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



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