



Model Number

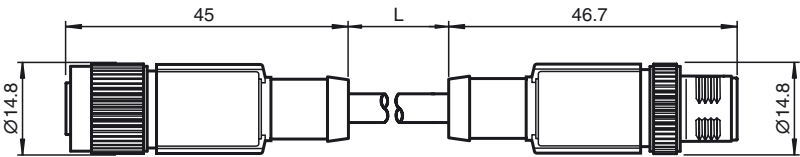
V112-G-BK10M-PUR-V112-G

Cordset, M12 to M12, PUR cable, 12-pin

Features

- Immunity to vibration, with mechanical latching
- Knurled nut suitable for tool assembly
- Suitable for drag chains
- Resistant to microbes and hydrolysis
- Halogen-free

Dimensions



Technical data

General specifications			
Number of pins		12	
Electrical specifications			
Operating voltage	U _B	30 V	
Operating current	I _B	1.5 A	
Surge protection		category II	
Ambient conditions			
Ambient temperature		-25 ... 85 °C (-13 ... 185 °F) cable, flexing: -5 ... 80 °C (23 ... 176 °F) cable, fixed: -40 ... 80 °C (-40 ... 176 °F)	
Pollution degree		3	
Mechanical specifications			
Degree of protection		IP68	
Material			
Contacts		CuZn	
Contact surface		Ni/Au	
Body		TPU, green	
Cable		PUR	
Slotted nut		Zinc die-casting, nickel-plated	
Seal		NBR	
Core insulation		PP	
Cable			
Sheath diameter		Ø 7.2 mm	
Core diameter		including insulation 1 mm ± 0.05 mm (signal line)	
Bending radius		54 mm	
Color		black	
Number of cores		12	
Core cross-section		0.14 mm ²	
Conductor construction		18 x 0.1 mm	
Length	L	10 m	
Drag chain suitability			
Drag chain cycles		≥ 4000000	
Motion velocity		≤ 3 m/s	
Traverse distance		10 m	
Acceleration		≤ 10 m/s ²	
Compliance with standards and directives			
Standard conformity			
Degree of protection		EN 60529:2000	
Standards		IEC 61076-2-101:2008	
Chemical resistance		DIN VDE 0472 T.803, test type B	

Electrical connection



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