



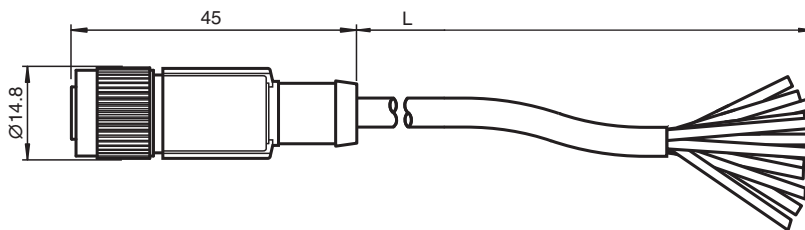
Female cordset V112-G-BK10M-PUR

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

Female cordset single-ended M12 straight A-coded, 12-pin, PUR cable black



Dimensions



Technical Data

General specifications

Connector 1			
Connection		socket	
Construction type		M12	
Style		straight	
Locking		screw connection	
Number of pins		12	
Coding		A-coded	
Connector 2			
Connection		cable end	

Electrical specifications

Operating voltage	U_B	30 V
Operating current	I_B	1.5 A
Surge protection		category II

Conformity

Degree of protection	EN 60529		
Plug connection	connector M12 x 1 : IEC 61076-2-101		

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

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Technical Data

Microbial resistance		EN 50396 / DIN VDE 0282-10
Hydrolysis resistance		EN 50396 / DIN VDE 0282-10
Oil resistance		DIN EN 60811-2-1 / DIN VDE 0472 T.803, test type B
Ambient conditions		
Ambient temperature		
Plug connector		-25 ... 85 °C (-13 ... 185 °F)
Cable, fixed		-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-5 ... 80 °C (23 ... 176 °F)
Pollution degree		3
Mechanical specifications		
Plug connector		
Tightening torque		0.4 Nm
Tool installation		straight knurling
Mating cycles		min. 100
Degree of protection		IP65/IP67/IP68
Cable		
Sheath diameter		7.2 mm
Bending radius		54 mm
Sheath color		black (similar to RAL 9005)
Number of cores		12
Core cross-section		0.14 mm ²
Cores color		Core 1: brown Core 2: blue Core 3: white Core 4: green Core 5: pink Core 6: yellow Core 7: black Core 8: grey Core 9: red Core 10: violet Core 11: grey/pink Core 12: red/blue
Core construction		18 x 0.1 mm
Length	L	10 m
Drag chain suitability		
Drag chain cycles		min. 4000000
Motion velocity		max. 3 m/s
Traverse distance		10 m
Acceleration		max. 10 m/s ²
Material		
Halogen-free		yes
Plug connector		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Seal		NBR
Contact surface		Ni/Au
Flammability		V-0
Cable		
Sheathing		PUR
Core insulation		PP

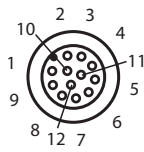
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Connection Assignment



1)	BN
2)	BU
3)	WH
4)	GN
5)	PK
6)	YE
7)	BK
8)	GY
9)	RD
10)	VT
11)	GYPK
12)	RDBU

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