



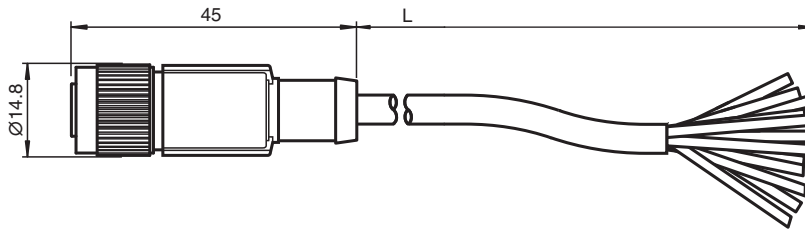
Female cordset V112-G-BK10M-PUR

- 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

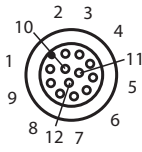
Degree of protection	EN 60529
Plug connection	connector M12 x 1 : IEC 61076-2-101

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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

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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