



Model Number

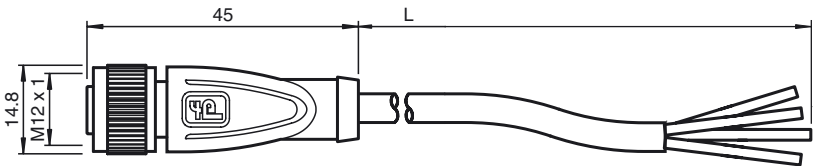
V1-G-BK10M-PUR-O1

Single-ended female cordset, M12, 4-pin, PUR cable, outdoor

Features

- Raw cable with cURus approval
- Flame resistant cable
- Resistant to microbes and hydrolysis
- Halogen-free
- Resistant to salt water
- Suitable for drag chains
- Suitable for outdoor use (UV- and ozone resistant)
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K

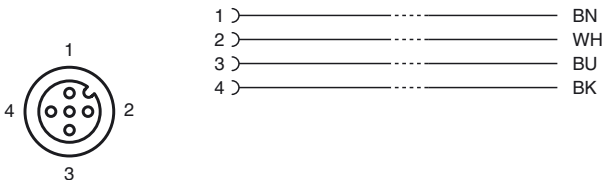
Dimensions



Technical data

General specifications		
Number of pins		4
Connection 1		socket
Construction type 1		straight
Threading 1		M12
Connection 2		cable end
Electrical specifications		
Operating voltage	U _B	max. 300 V AC
Operating current	I _B	max. 4 A
Lead resistance		Max. 39 Ω/km
Ambient conditions		
Ambient temperature		Body: -40 ... 90 °C (-40 ... 194 °F) cable, fixed: -50 ... 105 °C (-58 ... 221 °F) cable, flexing: -30 ... 105 °C (-22 ... 221 °F)
Pollution degree		3
Mechanical specifications		
Contact elements		spring-loaded contact socket
Pin diameter		1 mm
Degree of protection		IP67 / IP68 / IP69k
Cable code		(4 Li9Y 0,50 mm ²) 11Y
Material		
Contacts		CuSn / Au
Contact surface		Au
Body		TPU, black
Cable		PUR
Slotted nut		Diecast zinc
Core insulation		PP
Cable		
Sheath diameter		Ø 4.8 mm ± 0.15 mm
Bending radius		> 10 x cable diameter, moving > 5 x cable diameter, fixed
Number of cores		4
Core cross-section		0.5 mm ²
Conductor construction		28 x 0.15 mm Ø 1 x symmetrically twisted
Length	L	10 m
Drag chain suitability		
Drag chain cycles		≥ 2000000
Motion velocity		≤ 3 m/s
Traverse distance		≤ 10 m
Acceleration		≤ 10 m/s ²
Flammability		
Contact carrier		94 HB
Housing		94 V-2

Electrical connection



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Cable	cURus AWM 21924/11558 105°C 300V FT2
Compliance with standards and directives	
Standard conformity	
Degree of protection	EN 60529:2000
Standards	IEC 61076-2-101:2008
Flammability	UL 1581; DIN EN 60332-2-2
Halogen-free	DIN VDE 0472-815 DIN EN 50267-2-1
Chemical resistance	DIN EN 60811-2-1:2002
Approvals and certificates	
UL approval	cURus AWM 21924/11558 105°C 300V FT2