

Connection cable

V1-W-E2-1,5M-PUR-V1-G



- Built-in LED, as operating and function indicator
- Degree of protection IP68 / IP69
- Resistant to microbes and hydrolysis
- Halogen-free
- Specific design protects against loosening and inaccurate installation

Cordset M12 socket angled A-coded LED 3-pin to M12 plug straight A-coded 3-pin, PUR cable grey



Dimensions



Technical Data

General specifications

Connector 1			
Connection		socket	
Construction type		M12	
Style		angled	
Locking		screw connection	
Number of pins		3	
Coding		A-coded	
Connector 2			
Connection		plug	
Construction type		M12	
Style		straight	
Locking		screw connection	
Number of pins		3	
Coding		A-coded	
Indicators/operating means			
LED green		Operating display	
LED yellow		Functional display pin 4	
Electrical specifications			
Operating voltage	U_B	max. 24 V DC -20 % / +25 %	
Operating current	I_B	max. 4 A	

Release date: 2024-02-19 Date of issue: 2024-02-19 Filename: 240780-0016_eng.pdf

Technical Data

Conformity		
Degree of protection		EN 60529
Plug connection		connector M12 x 1 : IEC 61076-2-101
Halogen-free		IEC 60754-1
Ambient conditions		
Ambient temperature		
Plug connector		-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed		-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-25 ... 80 °C (-13 ... 176 °F)
Pollution degree		3
Mechanical specifications		
Plug connector		
Tightening torque		0.6 Nm
Loosening protection		available
Tool installation		straight knurling and hexagon nut SW = 14 mm
Mating cycles		min. 100
Degree of protection		IP68 / IP69
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		4.8 mm
Bending radius		> 10 x cable diameter, moving > 8 x cable diameter, fixed
Sheath stripping force		max. 60 N / 500 mm
Sheath color		grey (similar to RAL 7001)
Number of cores		3
Core cross section		0.34 mm ²
Cores color		Core 1: brown Core 3: blue Core 4: black
Core construction		19 x 0.15 mm Ø
Length	L	1.5 m
Cable code		Li 9Y 11YM 3 x 0.34
Drag chain suitability		
Drag chain cycles		max. 50 / day
Motion velocity		max. 0.3 m/s
Material		
Halogen-free		yes
Plug connector		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, transparent/black
Seal		FKM
Contact surface		gold plated (Au)
Flammability		V-2
Cable		
Sheathing		PUR based on polyether
Core insulation		PP
Chemical resistance		good
Microbial resistance		yes
Hydrolysis resistance		yes

Connection

