

Connection cable, Ethernet

V19-G-GN1M-PUR-E2S-V19-G

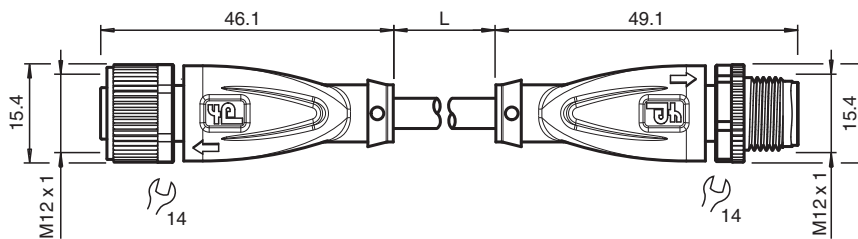


- Hard-wearing PUR cable
- Industrial Ethernet
- Degree of protection IP68 / IP69
- Shield connected to screw connection
- Halogen-free
- Specific design protects against loosening and inaccurate installation

Ethernet bus cable M12 socket straight to M12 plug straight A-coded, 8-pin, PUR cable green, Cat5, pairs shielded and overall shield



Dimensions



Technical Data

General specifications

Connector 1

Connection	socket
Construction type	M12
Style	straight
Locking	screw connection
Number of pins	8
Coding	A-coded

Connector 2

Connection	plug
Construction type	M12
Style	straight
Locking	screw connection
Number of pins	8
Coding	A-coded

Electrical specifications

Operating voltage	U_B	max. 30 V AC/DC
Operating current	I_B	max. 1 A

Conformity

Degree of protection	EN 60529
Fieldbus standard	IEEE 802.3an 10GBASE-T
Plug connection	connector M12 x 1 : IEC 61076-2-101
Component category	CAT5 (IEC 11801) , CAT5e (IEC 61156-6)

Release date: 2025-02-26 Date of issue: 2025-02-26 Filename: 70168614_eng.pdf

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

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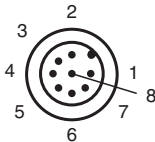
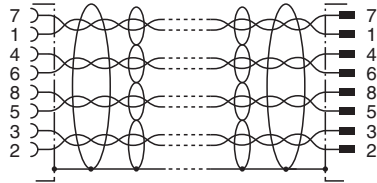
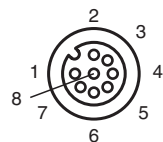
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Technical Data

Flammability		IEC 60332-1-2 , CMX
Halogen-free		IEC 60754-2
Ambient conditions		
Ambient temperature		
Plug connector		-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed installation		-40 ... 85 °C (-40 ... 185 °F)
Cable, flexing		-10 ... 60 °C (14 ... 140 °F)
Pollution degree		3
Mechanical specifications		
Plug connector		
Tightening torque		0.6 Nm
Loosening protection		integrated
Tool installation		straight knurling and hexagon nut SW = 14 mm
Mating cycles		min. 100
Shielding		shield connected to screw connection
Degree of protection		IP68 / IP69
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		6.2 mm
Bending radius		max. 50 mm movable installation max. 25 mm fixed installation
Sheath color		green (similar to RAL 6018)
Number of cores		8
Core cross section		0.14 mm ² / 26 AWG
Cores color		Core 1: white/blue Core 2: white/brown Core 3: brown Core 4: orange Core 5: white/green Core 6: white/orange Core 7: blue Core 8: green
Core construction		7 x 0.404 mm Ø twisted pairs , twisted pair shield
Shield		tinned copper braiding, 60 % coverage twisted pair shield : aluminum-lined polyester foil
Length	L	1 m
Cable code		Li 02YSC 11Y 4 x 2 x 0,14 (AWG26/7)
Material		
Halogen-free		yes
Plug connector		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Seal		FKM
Contact surface		gold plated (Au)
Flammability		V-2
Cable		
Sheathing		PUR
Cores		bare copper (Cu)
Core insulation		PE
UV resistance		yes
Oil resistance		yes
Flammability		CMX

Connection Assignment



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