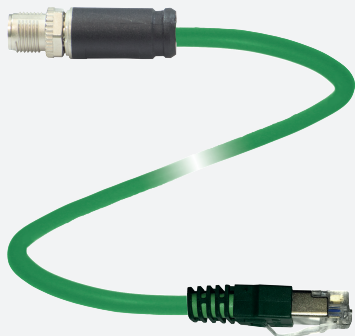




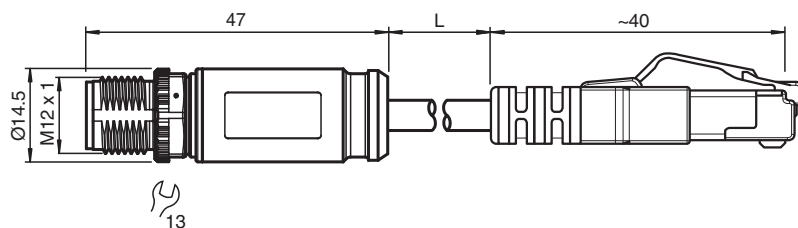
Connection cable, Ethernet V19SX-G-GN2,5M-PUR-E2S-V45-G

- Hard-wearing PUR cable
- Industrial Ethernet
- UL listed for USA and Canada
- Degree of protection IP20
- Halogen-free
- Screw connection suitable for tool assembly
- Immunity to vibration, with mechanical latching

Ethernet bus cable M12 plug straight X-coded to RJ45 plug straight Ethernet-coded, 8-pin, PUR cable green, Cat6A, pairs shielded and overall shield



Dimensions



Technical Data

General specifications

Connector 1

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

Connector 2

Connection	plug
Construction type	RJ45
Style	straight
Locking	snap locking
Number of pins	8
Coding	EtherNet/IP

Electrical specifications

Operating voltage	U_B	max. 50 V AC / 60 V DC
Operating current	I_B	max. 0.5 A

Conformity

Degree of protection	EN 60529
Fieldbus standard	IEEE 802.3an 10GBASE-T
Plug connection	connector M12 x 1 : IEC 61076-2-109 connector RJ45 : IEC 60603-7
Component category	CAT6A (IEC 11801, EN 50173)

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS

Technical Data

Flammability		IEC 60332-1-2 , UL 1581	
Approvals and certificates			
UL File Number		E520112	
Ambient conditions			
Ambient temperature			
Cable, fixed installation			-40 ... 85 °C (-40 ... 185 °F)
Cable, flexing			-10 ... 60 °C (14 ... 140 °F)
Pollution degree			3
Mechanical specifications			
Connector 1			
Tightening torque			0.6 Nm
Loosening protection			integrated
Tool installation			straight knurling , hexagon nut SW = 13 mm
Mating cycles			min. 100
Shielding			shield connected to screw connection
Degree of protection			IP67
Connector 2			
Loosening protection			integrated
Mating cycles			min. 750
Shielding			shield connected to connector
Degree of protection			IP20
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 mm²
Cores color			Core 1: white/orange Core 2: orange Core 3: white/green Core 4: green Core 5: white/brown Core 6: brown Core 7: white/blue Core 8: blue
Core construction			7 x 0.404 mm Ø twisted pairs , twisted pair shield
Shield			tinned copper braiding twisted pair shield : aluminum-lined polyester foil
Length	L		2.5 m
Cable code			Li 02YSC 11Y 4 x 2 x 0,14 (AWG26/7)
Mass			77 g
Material			
Halogen-free			yes
Connector 1			
Screw connection			Zinc diecast, nickel-plated
Body			TPU, black
Contact surface			Ni/Au
Flammability			V-2
Connector 2			
Body			PC
Contact surface			Ni/Au
Flammability			V-0
Cable			
Sheathing			PUR
Cores			bare copper (Cu)

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Technical Data

Core insulation	PE
UV resistance	yes
Oil resistance	yes
Flammability	FT1
General information	
Cable marking sleeve	2x PUR transparent , fixed to cable

Connection Assignment

