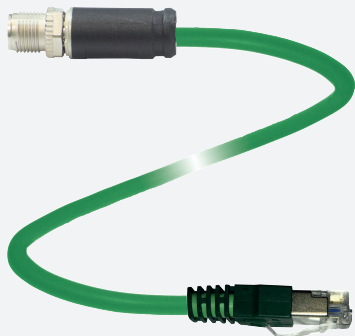




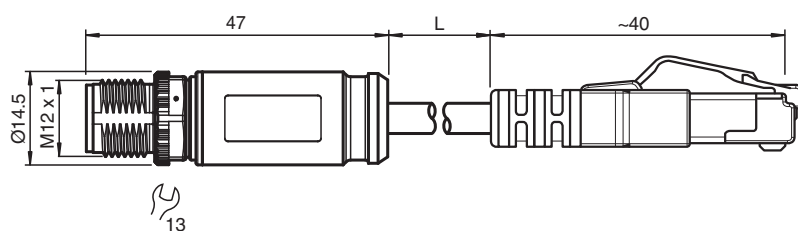
Connection cable, Ethernet V19SX-G-GN35M-PUR-E2S-V45-G

- Hard-wearing PUR cable
- Industrial Ethernet
- UL listed for USA and Canada
- 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
UL File Number		E520112

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

Release date: 2025-02-26 Date of issue: 2025-02-26 Filename: 70117759_eng.pdf

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

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 **PEPPERL+FUCHS**

Technical Data

Component category		CAT6A (IEC 11801, EN 50173)
Flammability		IEC 60332-1-2 , UL 1581
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		
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
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	35 m
Cable code		Li 02YSC 11Y 4 x 2 x 0,14 (AWG26/7)
Mass		1455 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)
Core insulation		PE

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Technical Data

UV resistance		yes
Oil resistance		yes
Flammability		FT1

Connection

