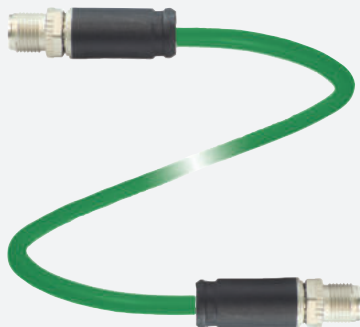




Connection cable, Ethernet

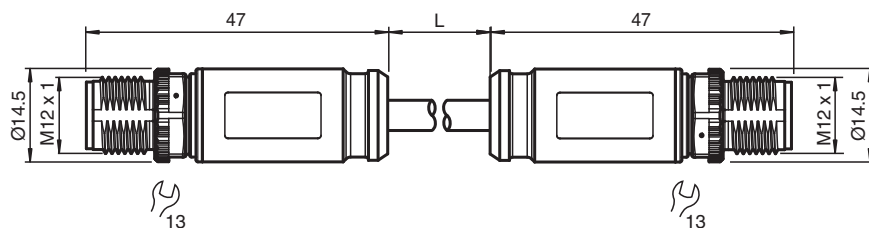
V19SX-G-GN25M-PUR-E2S-V19X-G

- 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 to M12 plug straight X-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	M12
Style	straight
Locking	screw connection
Number of pins	8
Coding	X-coded

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

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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		
Plug connector		
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
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
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	25 m
Cable code		Li 02YSC 11Y 4 x 2 x 0,14 (AWG26/7)
Mass		830 g
Material		
Halogen-free		yes
Plug connector		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Contact surface		Ni/Au
Flammability		V-2
Cable		
Sheathing		PUR
Cores		bare copper (Cu)
Core insulation		PE
UV resistance		yes
Oil resistance		yes
Flammability		FT1

Connection Assignment

