

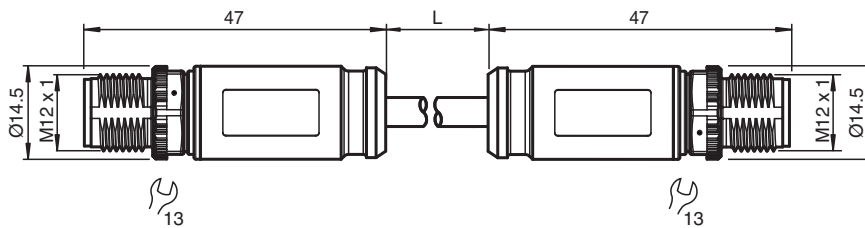
## Connection cable, Ethernet V19SX-G-GN20M-PUR-E2S-V19X-G

- 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

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

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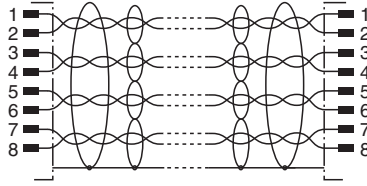
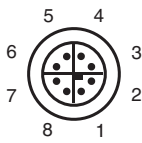
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## Technical Data








Electrical specifications		
Operating voltage	U <sub>B</sub>	max. 50 V AC / 60 V DC
Operating current	I <sub>B</sub>	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)
Flammability		IEC 60332-1-2 , UL 1581
Ambient conditions		
Ambient temperature		
Cable, fixed		-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		available
Tool installation		straight knurling , hexagon nut SW = 13 mm
Mating cycles		min. 100
Shielding		shield connected to screw connection
Degree of protection		IP67
Cable		
Sheath diameter		6.2 mm
Bending radius		max. 50 mm active max. 25 mm fixed
Sheath color		green (similar to RAL 6018)
Number of cores		8
Core cross section		0.14 mm <sup>2</sup>
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	20 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
Contact surface		Ni/Au
Flammability		V-2
Cable		
Sheathing		PUR
Core insulation		PE
UV resistance		yes
Oil resistance		yes
Flammability		FT1

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## Connection Assignment



## Accessories

	<b>MH V1-SCREWDRIVER</b>	Torque screwdriver (0.6 Nm)
	<b>MH V1-BIT M12</b>	plug-in cap M12
	<b>V1/V3-LABELHOLDER</b>	Label holder
	<b>V1/V3-LABEL</b>	Label plate
	<b>MH V1-Holder</b>	Modular universal holder for M12 connectors
	<b>V1-CLIP</b>	Unlocking protector for M12 connector
	<b>V1-MARKING-RING-COLOR</b>	Marking rings for M12 connectors, various colors

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