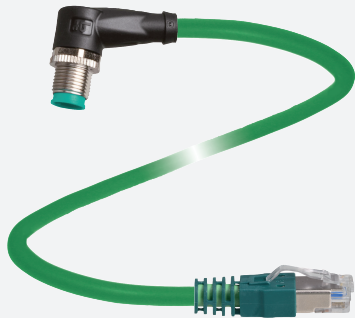




Connection cable, Ethernet

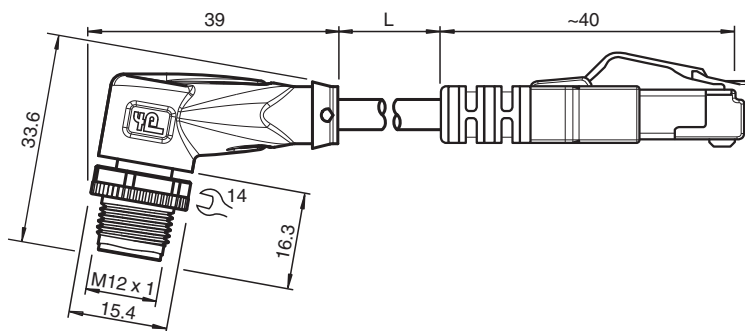
V19S-180-W-10M-PUR-E2S-V45-G-Y

- Hard-wearing PUR cable
- Suitable for drag chains and abrasion resistant
- CAT5/CAT5e cable
- Degree of protection IP68 / IP69
- Free of paint wetting interfering substances
- Halogen-free
- Specific design protects against loosening and inaccurate installation

Ethernet bus cable M12 plug angled A-coded 8-pin to RJ45 plug straight Ethernet-coded, PUR cable 4-core twisted quad green, Cat5e, shielded, drag chain suitable



Dimensions



Technical Data

General specifications

Connector 1		
Connection		plug
Construction type		M12
Style		angled
Locking		screw connection
Number of pins		8
Coding		A-coded
Customization		Coding rotated by 180°
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. 30 V AC/DC
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Conformity

Degree of protection	EN 60529
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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 **PEPPERL+FUCHS**

Technical Data

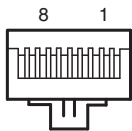
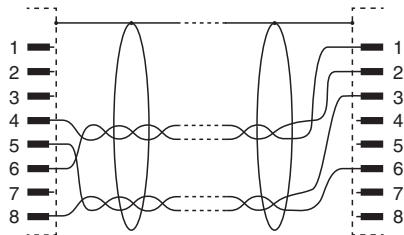
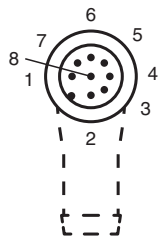
Plug connection		connector M12 x 1 : IEC 61076-2-101 connector RJ45 : IEC 60603-7
Component category		CAT5 (IEC 11801) , CAT5e (IEC 61156-6)
Flammability		IEC 60332-1-2 / UL 1581 FT1
Halogen-free		IEC 60754-1
Chemical resistance		DIN EN 60811-2-1
Microbial resistance		DIN EN 50525-2-21 / DIN VDE 0282-10
Oil resistance		DIN EN 60811-2-1
Ambient conditions		
Ambient temperature		
Connector 1		-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed		-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-30 ... 70 °C (-22 ... 158 °F)
Mechanical specifications		
Connector 1		
Tightening torque		0.6 Nm
Loosening protection		available
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
Connector 2		
Loosening protection		available
Mating cycles		min. 100
Shielding		shield connected to connector
Degree of protection		IP20
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		4.8 mm
Bending radius		> 12 x cable diameter, moving > 6 x cable diameter, fixed
Sheath stripping force		max. 50 N / 100 mm
Sheath color		green (similar to RAL 6018)
Number of cores		4
Core cross section		0.15 mm ² / 26 AWG
Cores color		Core 4-2: orange Core 5-3: white/green Core 6-1: white/orange Core 8-6: green
Core construction		19 x 0.1 mm Ø twisted quad
Shield		aluminum-lined polyester foil Tinned copper braiding, 85 % coverage
Length	L	10 m
Cable code		Li 9Y 11YM 4 x 0,15
Drag chain suitability		
Motion velocity		max. 3 m/s
Acceleration		max. 2 m/s ²
Material		
PWIS free		yes
Halogen-free		yes
Connector 1		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Contact surface		gold plated (Au)
Flammability		V-2
Connector 2		

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Technical Data

Body	PA, green
Flammability	V-0
Cable	
Sheathing	PUR based on polyether
Core insulation	PP
Flammability	FT1

Connection



Accessories

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

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