



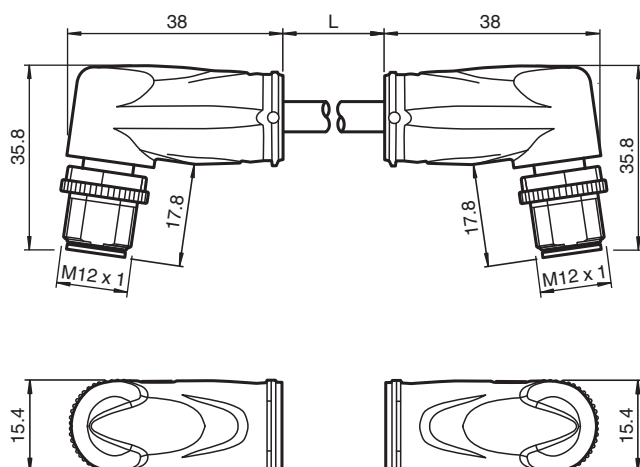
Connection cable, Ethernet V1SD-WX-GN4M-PUR-E1S-V1D-WX

- Hard-wearing PUR cable
- Suitable for drag chains and abrasion resistant
- D coding for Ethernet
- Conforms to PROFINET
- CAT5/CAT5e cable
- Degree of protection IP66 / IP68 / IP69
- Free of paint wetting interfering substances
- UL listed for USA and Canada
- Halogen-free
- Specific design protects against loosening and inaccurate installation

Ethernet bus cable M12 plug angled to M12 plug angled D-coded, 4-pin, PUR cable green, Cat5e, shielded, UL approved, drag chain suitable



Dimensions



Technical Data

General specifications

Connector 1	
Connection	plug
Construction type	M12
Style	angled
Locking	screw connection
Number of pins	4
Coding	D-coded
Connector 2	
Connection	plug
Construction type	M12
Style	angled
Locking	screw connection
Number of pins	4
Coding	D-coded

Release date: 2026-02-11 Date of issue: 2026-02-11 Filename: 70153628_eng.pdf

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

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PEPPERL+FUCHS

Technical Data

Electrical specifications

Operating voltage	U _B	max. 250 V AC/DC
Operating current	I _B	max. 4 A

Conformity

Degree of protection	EN 60529
Plug connection	connector M12 x 1 : IEC 61076-2-101
Component category	CAT5 (IEC 11801) , CAT5e (IEC 61156-6)
Flammability	IEC 60332-1-2 / UL 2556 / ISO 6722-1 5.22 (UN ECE-R 118.01)

Approvals and certificates

UL approval	AWM STYLE 20549 80 °C 300V AWM I A/B 80 °C 300V FT2 (cable)
UL File Number	E231213

Ambient conditions

Ambient temperature	
Plug connector	-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed installation	-30 ... 70 °C (-22 ... 158 °F) , UL: -20 ... 70 °C (-4 ... 158 °F)
Cable, flexing	-20 ... 70 °C (-4 ... 158 °F)

Mechanical specifications

Plug connector	
Tightening torque	0.6 Nm
Loosening protection	integrated
Tool installation	straight knurling and hexagon nut SW = 14 mm
Mating cycles	min. 100
Shielding	shield connected to screw connection
Degree of protection	IP66 / IP68 / IP69
Cable	according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter	6 mm
Bending radius	> 10 x cable diameter, movable installation > 8 x cable diameter, fixed installation
Sheath stripping force	max. 60 N / 100 mm
Sheath color	green (similar to RAL 6018)
Number of cores	4
Core cross section	0.34 mm ² / 22 AWG
Cores color	Core 1: yellow Core 2: white Core 3: orange Core 4: blue
Core construction	7 x 0.254 mm Ø twisted quad
Shield	aluminum-lined polyester foil Tinned copper braiding
Length	L 4 m
Drag chain suitability	
Drag chain cycles	max. 1000000
Motion velocity	max. 3 m/s
Traverse distance	max. 5 m
Acceleration	max. 2 m/s ²

Material

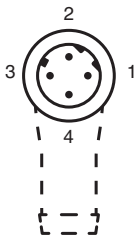
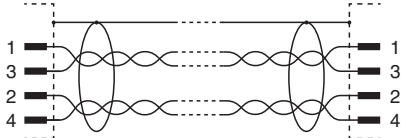
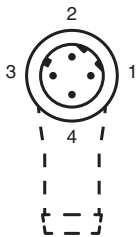
PWIS free	yes
Halogen-free	yes
Plug connector	
Screw connection	Zinc diecast, nickel-plated
Body	TPU, black
Contact surface	gold plated (Au)
Flammability	V-2
Cable	

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Sheathing	PUR based on polyether
Cores	bare copper (Cu)
Core insulation	PP
Flammability	FT2 complies with UN ECE-R 118.01
General information	
Cable marking sleeve	2x PUR transparent , fixed to cable

Connection Assignment



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