

Cable socket, shielded

V19-G-GN1M-PUR-E2S

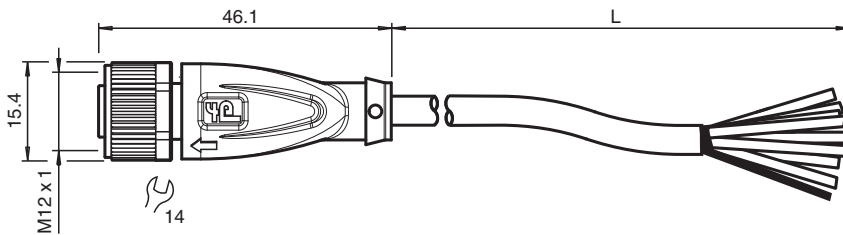


- Hard-wearing PUR cable
- Industrial Ethernet
- Degree of protection IP68 / IP69
- Shield connected to screw connection
- Halogen-free
- Specific design protects against loosening and inaccurate installation

Ethernet bus cable M12 socket straight A-coded, 8-pin, PUR cable green, CAT5, pairs shielded and overall shield



Dimensions



Technical Data

General specifications

Connector 1	
Connection	socket
Construction type	M12
Style	straight
Locking	screw connection
Number of pins	8
Coding	A-coded
Connector 2	
Connection	cable end

Electrical specifications

Operating voltage	U_B	max. 30 V AC/DC
Operating current	I_B	max. 1 A

Conformity

Degree of protection	EN 60529
Fieldbus standard	IEEE 802.3an 10GBASE-T
Plug connection	connector M12 x 1 : IEC 61076-2-101
Component category	CAT5 (IEC 11801) , CAT5e (IEC 61156-6)
Flammability	IEC 60332-1-2 , CMX
Halogen-free	IEC 60754-2

Ambient conditions

Ambient temperature	
Plug connector	-40 ... 90 °C (-40 ... 194 °F)

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Technical Data

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 and hexagon nut SW = 14 mm
Mating cycles	min. 100
Shielding	shield connected to screw connection
Degree of protection	IP68 / IP69
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 / 26 AWG
Cores color	Core 1: white/blue Core 2: white/brown Core 3: brown Core 4: orange Core 5: white/green Core 6: white/orange Core 7: blue Core 8: green
Core construction	7 x 0.404 mm Ø twisted pairs , twisted pair shield
Shield	tinned copper braiding, 60 % coverage twisted pair shield : aluminum-lined polyester foil
Length	L 1 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
Seal	FKM
Contact surface	gold plated (Au)
Flammability	V-2
Cable	
Sheathing	PUR
Cores	bare copper (Cu)
Core insulation	PE
UV resistance	yes
Oil resistance	yes
Flammability	CMX

Connection Assignment

