

Connection cable

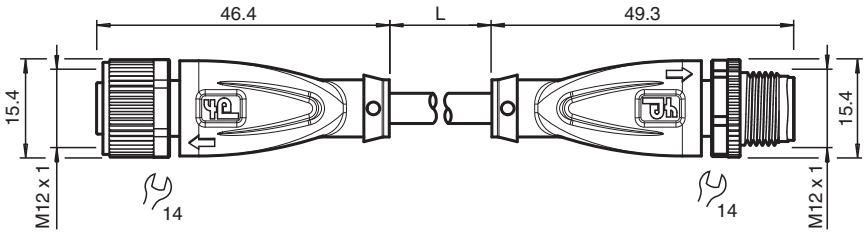
V15-G-GN7M-PUR-E2S-V15-G-Y6412

- Degree of protection IP66 / IP68 / IP69
- Halogen-free
- Specific design protects against loosening and inaccurate installation
- Customer-specific configuration

Cordset M12 straight A-coded to M12 plug straight A-coded, 5-pin, PUR cable 8-core green, pairs shielded and overall shield

CE

Dimensions



Technical Data

General specifications		
Customization		customer-specific pin assignment
Connector 1		
Connection		socket
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		5
Coding		A-coded
Connector 2		
Connection		plug
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		5
Coding		A-coded
Electrical specifications		
Operating voltage	U_B	max. 48 V AC / 60 V DC
Operating current	I_B	max. 1 A
Conformity		
Degree of protection		EN 60529
Plug connection		connector M12 x 1 : IEC 61076-2-101
Flammability		IEC 60332-1-2 , CMX

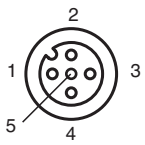
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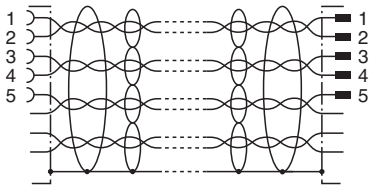
Technical Data

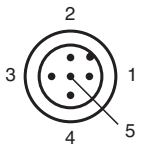
Halogen-free		IEC 60754-2
Ambient conditions		
Ambient temperature		
Plug connector		-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed installation		-40 ... 85 °C (-40 ... 185 °F)
Cable, flexing		-10 ... 60 °C (14 ... 140 °F)
Pollution degree		3
Mechanical specifications		
Plug connector		
Tightening torque		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		IP66 / 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 mm²
Cores color		Core 1: white/brown Core 2: brown Core 3: white/green Core 4: green Core 5: orange white/orange not used blue not used white/blue not used
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	7 m
Cable code		Li 02YSC 11Y 4 x 2 x 0,14 (AWG26/7)
Mass		126.45 g
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
Flammability		CMX
General information		
Cable marking sleeve		2x PUR transparent , fixed to cable

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Connection Assignment







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