



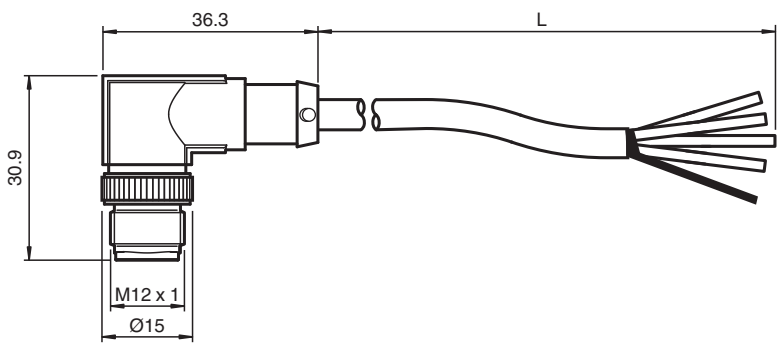
Cable connector, Ethernet V1SD-W-2M-PUR-ABG

- Hard-wearing PUR cable
- Industrial Ethernet
- D coding for Ethernet
- CAT5/CAT5e cable
- Free of paint wetting interfering substances
- Halogen-free
- Screw connection suitable for tool assembly
- Immunity to vibration, with mechanical latching

Ethernet bus cable male cordset single-ended M12 angled D-coded, 4-pin, PUR cable blue, Cat5e, shielded



Dimensions



Technical Data

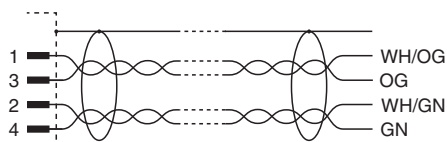
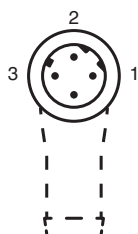
General specifications			
Connector 1			
Connection			plug
Construction type			M12
Style			angled
Locking			screw connection
Number of pins			4
Coding			D-coded
Connector 2			
Connection			cable end
Electrical specifications			
Operating voltage	U _B		max. 48 V AC / 60 V DC
Operating current	I _B		max. 1 A
Conformity			
Degree of protection			EN 60529
Plug connection			connector M12 x 1 : IEC 61076-2-101
Component category			CAT5 (IEC 11801) , CAT5e (IEC 61156-6)
Flammability			IEC 60332-1-2 / UL 2556
Halogen-free			IEC 60754-1
Ambient conditions			

Release date: 2023-09-05 Date of issue: 2023-09-05 Filename: 282345_eng.pdf

Technical Data

Ambient temperature		
Plug connector		-25 ... 90 °C (-13 ... 194 °F)
Cable, fixed		-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-20 ... 80 °C (-4 ... 176 °F)
Pollution degree		3
Mechanical specifications		
Plug connector		
Tightening torque		0.4 Nm
Loosening protection		available
Tool installation		straight knurling
Mating cycles		min. 100
Shielding		shield connected to screw connection
Degree of protection		IP65/IP67
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		6.4 mm
Bending radius		> 8 x cable diameter, moving > 4 x cable diameter, fixed
Sheath color		water blue (RAL 5021)
Number of cores		4
Core cross section		0.14 mm ²
Cores color		Core 1: white/orange Core 2: white/green Core 3: orange Core 4: green
Core construction		7 x 0.16 mm Ø twisted pairs
Shield		aluminum-lined polyester foil Tinned copper braiding, 70 % coverage
Length	L	2 m
Material		
PWIS free		yes
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
Flammability		VW-1

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