

Model Number

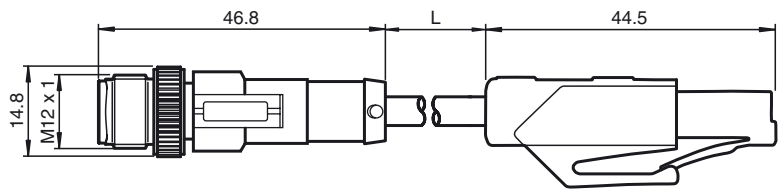
V1SD-G-30M-PUR-ABG-V45-G

Connection cable, M12 to RJ-45, PUR cable 4-pin, CAT5e

Features

- D coding for Ethernet
- Hard-wearing PUR cable
- CAT5/CAT5e cable
- Halogen-free
- Completely silicon free

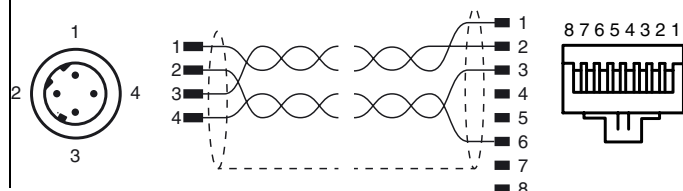
Dimensions



Technical data

General specifications		
Number of pins		4
Connection 1		Male connector
Construction type 1		straight
Threading 1		M12
Connection 2		Male connector
Construction type 2		straight
Threading 2		RJ-45
Electrical specifications		
Operating voltage	U_B	max. 48 V AC / 60 V DC
Operating current	I_B	max. 4 A
Volume resistance		150 m Ω /m
Ambient conditions		
Ambient temperature		-20 ... 60 °C (-4 ... 140 °F) , stationary 0 ... 50 °C (32 ... 122 °F) , moving
Mechanical specifications		
Degree of protection		IP67 / IP20
Connection		M12 x 1 connector, 4-pin, D-coded RJ-45 Category 5 , up to 100 MHz
Material		
Contacts		CuSn
Contact surface		Ni/Au
Body		TPU, black / PA
Cable		PUR
Core insulation		PE
Cable		2 pairs with 2 wires each with 2 fillers for the core
Sheath diameter		6.7 mm
Bending radius		> 35 mm
Color		water blue (RAL 5021)
Number of cores		4
Core cross-section		0.14 mm ²
Conductor construction		7 x 0.15 mm \varnothing
Shield		aluminum-lined polyester foil Tinned copper braiding, 65 % coverage
Length	L	30 m
Compliance with standards and directives		
Standard conformity		
Standards		CAT5 (IEC 11801:2002) , CAT5e (TIA 568B:2001)
Specification		connector M12 x 1 : IEC 61076-2-101

Electrical connection



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