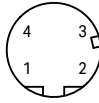
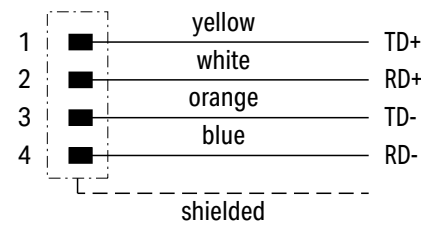


ETHERNET/PROFINET Cable; D-coded; 4-pole; M12 Plug, straight



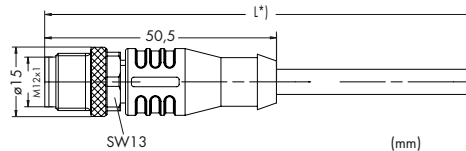
M12 D-coded Plug

Pin 1 ... 4: 0.34 mm²

Connection example RJ-45 Plug (750-975)



1: TD+
3: RD+
2: TD-
6: RD-



Short description:

- PUR GN, halogen-free
- CAT 5e ES
- Suitable for drag chains
- Free of silicon and CFC
- Good resistance to microbes, hydrolysis, oil, ozone and UV radiation.
Good chemical resistance.
- UL approved

Description	Item No.	Pack. Unit
ETHERNET/PROFINET cable; M12 plug; straight; 4-pole;		
Length 2 m	756-1201/060-020	1
Length 5 m	756-1201/060-050	1
Length 10 m	756-1201/060-100	1
Length 20 m	756-1201/060-200	1
Technical Data		
General		
Operating voltage	250 V	
Operating current	4 A acc. to IEC 60512-3	
Rated surge voltage	2 kV (wire/wire/screen rms 50 Hz 1 min)	
Insulation resistance	≥5x10 ⁹ Ωxkm	
Contact resistance	≤10 mΩ	
Resistance of conductor	<57 Ω/km	
Pollution degree	3/2 acc. to IEC 60664-1	
Degree of protection	IP67 acc. to IEC 60529	
Surrounding air temperature (operation)	-40 ... +70 °C (static and moving)	
Bending radius	single: min. 5x cable Ø repeated: min. 7.5 x cable Ø	
Drag chain suitability		
Bending diameter	min. 200 mm	
Bending cycles	≥ 3 million	
Acceleration	max. 4 m/s ²	
Traversing rate	max. 4 m/s	
Traverse path	max. 10 m horizontal	
Other characteristics	UV resistant acc. to UL 1581 Sec. 1200 (720 h Xenon exposure)	

Technical Data		
Cable		
Type code	02YH(ST)C11Y; 2x2x0,75/1.5-100;	
	LI GN VZN FRNC, shielded	
Note	Constr. Acc. to UL File E119100 Vol.1 Sec.13 Page 1 and Vol.2 Sec.5	
Overall shield	Overlapped aluminum-laminated foil and tinned copper braid, 85 % optical coverage	
Conductor	Bare copper wire (7 x 0.25 mm)	
Insulation	Halogen-free PE	
Outer jacket	Halogen-free polyurethane (PUR) GN; flame resistant acc. to IEC 60332-1 acc. to VDE 0250 part 818	
Color	green (~RAL 6018)	
Cable diameter	Ø 6.5 mm ± 0.2	
Connector		
Plug	M12x1, D coded	
Molded body/Housing material	TPU/TPU, black (~RAL 9005)	
Contact material	CuZn	
Contact plating	CuNi/Au	
Knurled nut with hexagonal	CuZn	
Knurled nut surface	Nickel-plated	
Sealing ring	FPM (Viton)	
Mechanical life	max. 100 mating cycles	
Torque	0.6 Nm	
Accessories		
Torque assembly kit incl. M8- und M12- Allen key	206-701	1