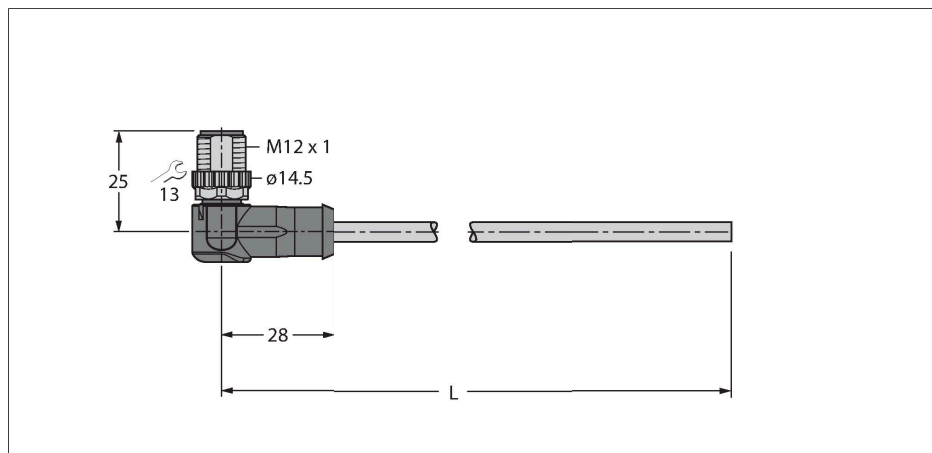


WSSD-4416-10M

Industrial Ethernet/PROFINET Cable – Connection Cable



Features

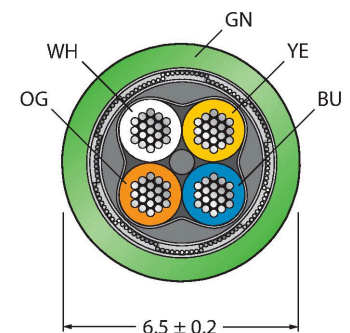


- M12 male connector, angled, D-coded
- Open end
- Ethernet cable: 4-pin, AWG 22
- CAT 5E
- Jacket material: PUR
- Jacket color: green
- Shielding: Overlapping aluminum foil, tinned copper wire
- Jacket diameter: 6.5 mm
- Suitable for drag chain use
- Oil resistant acc. to IEC 60811-2-1 and UL13
- Halogen free acc. to IEC 60754
- Flame retardant acc. to IEC 60332-1-2 and UL2556 VW1
- Approval: cULus
- RoHS compliant
- PNO compliant
- Cable length: 10 m

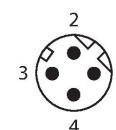
Technical data

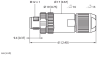
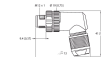
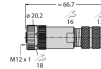
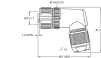
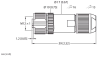
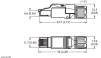
Type	WSSD-4416-10M
ID	6441687
Connector A	Male, M12 × 1, Angled, D-coded
Number of Pins	4
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, PA, UL 94, Black
Connector body	Plastic, TPU, UL 94, Black
Coupling nut/screw	Brass, GD-Zn, Nickel-plated
Tightening torque (range)	0.4 ... 0.6 Nm (observe max. torque of mating connector!)
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3/2
Protection class	IP67, Only in screwed condition
Cable	
Network protocol	Ethernet
Cable diameter	Ø 6.5 mm ±0.20
Cable length	10 m
Cable jacket	PUR, Green
Shielding	Aluminum foil, tinned copper wire
Core insulation	PE
Core cross-section	4 x 0.32 mm ²
Arrangement of strands	7 x 0.25 mm
Core colors	WH, YE, BU, OG
Electrical properties at +20 °C	
Rated voltage	48 V
Test voltage	2000 V
Current	3 A

Cable Cross-Section



Contact assignment



Dimension drawing	Type	ID	
			housing, metal nut, shieldable, D-coded, for Ethernet
	FW-ERSSM0426-FD-P-0408	100033307	Field-wireable male connector, M12 × 1, straight, 4-pin, shieldable, D-coded, push-in connection, cable feedthrough 4.0 to 8.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm ² , metal housing, metal coupling nut; PROFINET CAT5 (100 Mbps)
			
	FW-EWSSM0426-FD-P-0408	100033310	Field-wireable male connector, M12 × 1, angled, 4-pin, shieldable, D-coded, push-in connection, cable feedthrough 4.0 to 8.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm ² , metal housing, metal coupling nut; PROFINET CAT5 (100 Mbps)
			
	FW-M12KU5D-G-SB-ME-SH-8	6604219	Field-wireable female connector, M12 × 1, straight, 4-pin, screw terminal connection, cable feedthrough 5.0 to 8 mm, core cross-section/terminal capacity 0.14 to 0.75 mm ² , metal housing, metal nut, shieldable, D-coded, for Ethernet
			
	FW-EWKSM0426-FD-P-0408	100033308	Field-wireable female connector, M12 × 1, angled, 4-pin, shieldable, D-coded, push-in connection, cable feedthrough 4.0 to 8.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm ² , metal housing, metal coupling nut; PROFINET CAT5 (100 Mbit/s)
			
	FW-ERKSM0426-FD-P-0408	100033304	Field-wireable female connector, M12 × 1, straight, 4-pin, shieldable, D-coded, push-in connection, cable feedthrough 4.0 to 8.0 mm, core cross-section/terminal capacity 0.14 to 0.75 mm ² , metal housing, metal coupling nut; PROFINET CAT5 (100 Mbit/s)
			
	FW-RRSSP0822-IE-I-0510	100034569	Field-wireable male connector, RJ45, straight, 8-pin, IDC connection, cable feedthrough 5.5 mm to 10.0 mm, core cross-section/terminal capacity 0.14 mm ² to 0.34 mm ² , metal housing; CAT6A (10 Gigabit Ethernet acc. to IEEE 802.3an)
			
	FW-RWSSP0822-IE-I-0510	100034570	Field-wireable male connector, RJ45, angled, 8-pin, IDC connection, cable feedthrough 5.5 mm to 10.0 mm, core cross-section/terminal capacity 0.14 mm ² to 0.34 mm ² , metal housing; CAT6A (10 Gigabit Ethernet acc. to IEEE 802.3an)
