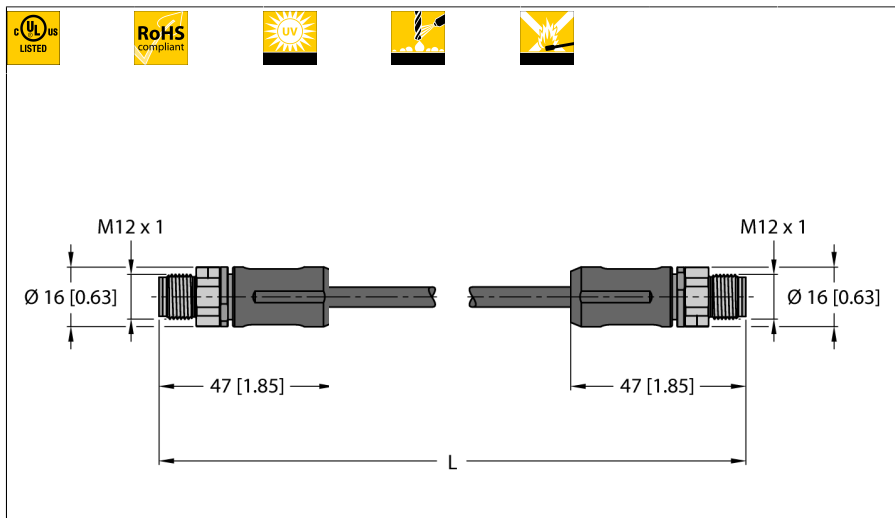


Industrial Ethernet Cable

Extension Cable

RSSX-RSSX-8814-100M



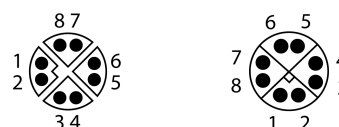
- Ethernet cable: 8-pin, AWG 26, CAT 6A
- Jacket material: PUR
- Jacket color: green
- Jacket diameter: 6.7 mm
- Twisted pair, shielded
- Oil resistant acc. to DIN EN 60811-404 (7 × 24 h/90 °C)
- UV resistant
- Flame retardant acc. to IEC 60332-2
- Approval: cULus
- RoHS compliant (2011/65/EC)
- M12 male connector, straight, X-coded
- M12 male connector, straight, X-coded
- Cable length: 100 m

Type	RSSX-RSSX-8814-100M
ID	100023665

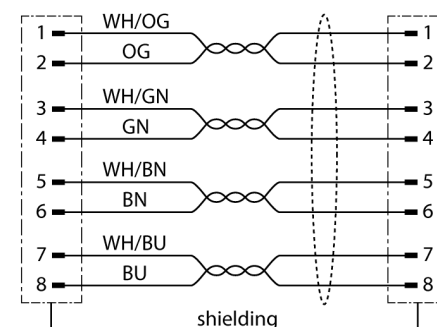
Connector A	Male, M12 × 1, Straight, X-coded
Number of pins	8
Contact carriers	Plastic, PA, UL 94, Black
Connector body	Plastic, TPU, UL 94, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Tightening torque (range)	0.4 ... 0.6 Nm (observe max. torque of mating connector!)
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3/2
Protection class	IP67, Only in screwed condition

Connector B	Male, M12 × 1, Straight, X-coded
Number of Pins	8
Contact carriers	Plastic, PA, UL 94, Black
Connector body	Plastic, TPU, UL 94, Black
Coupling nut/retaining screw	Brass, CuZn, Nickel-plated
Tightening torque	0.4 ... 0.6 Nm (observe max. torque of mating connector!)
Mechanical life	> 100 Mating cycles
Pollution degree	3/2
Protection class	IP67, Only when screwed together

Cable	
Network protocol	Ethernet
Cable diameter	Ø 8.9mm ±0.30
Cable length	100 m m
Cable jacket	PUR, Green
Shielding	yes
Core insulation	PE
Core cross-section	8 x 0.14 mm²
Core colors	WH(OG) OG;WH(GN) GN;WH(BN) BN;WH(BU) BU



Circuit Diagram



Electrical properties at +20 °C

Rated voltage	48V
Test voltage	700 V
Current	0.5AA

Mechanical and chemical properties

Bending radius (stationary installation)	$\geq 5 \times \varnothing$
Bending radius (flexible use)	$\geq 10 \times \varnothing$
Ambient temperature (fixed)	-40...+80°C
Ambient temperature (mobile)	-40...+80°C

Other Features

Qualified for drag chain use	yes
PVC-free	yes
UV resistance	yes
Oil-resistant	yes
Flame-retardant	yes