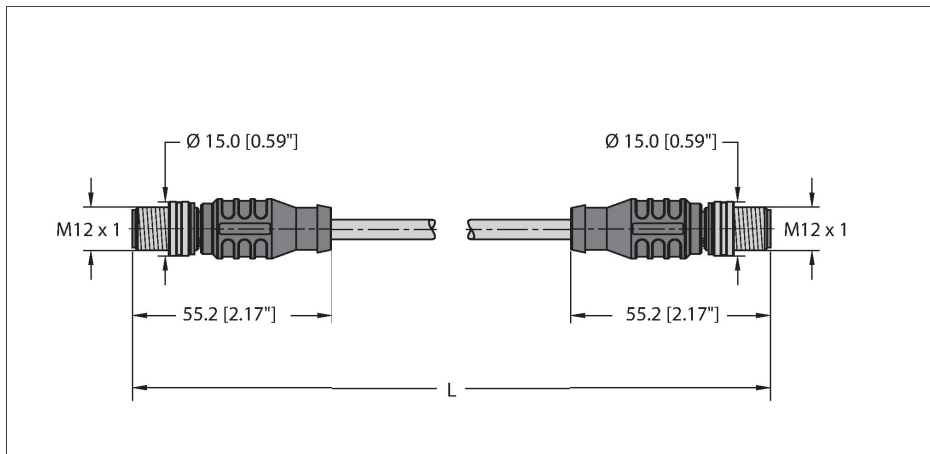


RSSX RSSX 860-5M

Industrial EtherNet/TPE Cable – Extension Cable

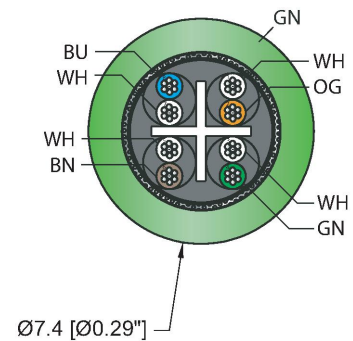


Features



- Ethernet cable: 8-pin, AWG 26, CAT 6A
- Jacket material: TPE
- Jacket color: green
- Jacket diameter: 7.4 mm
- Paired and shielded
- Oil-resistant
- UV-resistant
- Resistant to welding sparks
- Suitable for use with torsion cables and drag chains
- RoHS-compliant
- Approvals: UL
- Protection class IP67
- M12 male connector, straight, X-coded
- Cable length: 5.0 m

Cable Cross-Section



Contact assignment



Technical data

Type	RSSX RSSX 860-5M
Ident. no.	U2-29241
Connector A	Connectors, M12 × 1, Straight, X coded
Number of pins	8
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, Only in screwed condition
Connector B	Male, M12 × 1, Straight, X coded
Number of pins	8
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut/retaining screw	Brass, CuZn, Nickel-plated
Tightening torque	0.8 ... 1 Nm (observe max. torque of mating connector!)
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, Only when screwed tight
Cable	
Network protocol	Ethernet
Cable diameter	Ø 7.4 mm ± 0.25
Cable length	5 m
Cable jacket	TPE, Green
Shielding	Aluminum/Polyester foil, tinned copper wire

Technical data

Core insulation	HDPE
Core cross-section	8 x 0.14 mm ²
Arrangement of strands	7 x 0.16 mm
Core colors	WH(OG) OG;WH(GN) GN;WH(BN) BN;WH(BU) BU
Electrical properties at +20 °C	
Rated voltage	48 V
Current	0.5 A
DC resistance (loop)	145 Ω/km
Mechanical and chemical properties	
Torsional stress	± 270 °/m
Torsion cycles	≤ 3 million
Bending cycles 10 x Ø	1 million *
Bending cycles 20 x Ø	10 million *
Ambient temperature	
Stationary	-40 °C...+75 °C
In motion	-40 °C...+75 °C
Qualified for drag chain use	yes
Approvals	cULus CE RoHS

Diagram

