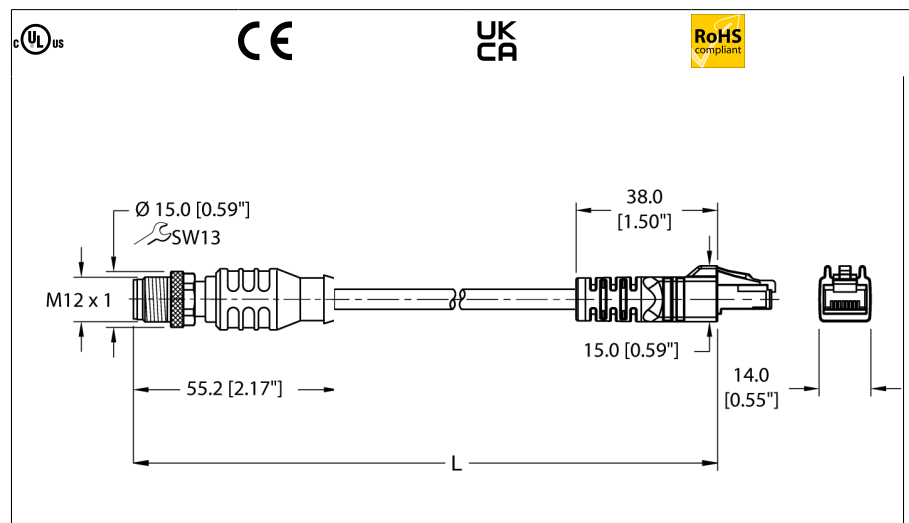


Industrial Ethernet Cable

RSSX RJ45S 860-10M

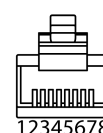
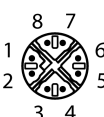


- M12, Male, Straight, 8-pin
- X-Code
- RJ45, Male, Straight, 8-pin, Shielded
- Industrial Ethernet Cable
- Fieldbus type: Ethernet CAT6A, Teal TPE jacket, shielded, 4UTPX26 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL 1666, UL1061
- Flexlife® and C-Track Approved

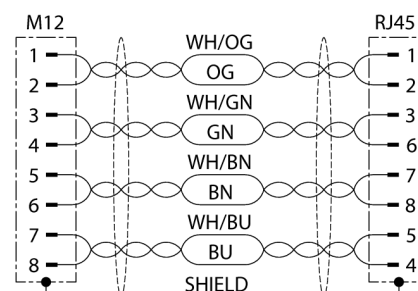
Type	RSSX RJ45S 860-10M
ID	UX05969
Connector A	Male, M12 × 1, Straight, X-code
Number of contacts	8
Contact carriers	Metal, Zink, Nickel-plated
Connector body	Plastic, TPU, Black
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque (range)	0.8 ... 1 Nm (note max. torque of mating connector!)
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67

Connector B	Male, RJ45, Straight
Number of contacts	8
Contact carriers	Plastic, PC, Transparent
Connector body	Plastic, TPU, Black
Protection class (When coupled)	IP20
	NEMA: 1

Cable data	
Cable ID	RF52026
Fieldbus	Ethernet, 860
Total number of conductors	8
Cable diameter	Ø 7.37mm
Length (L)	10 m, (+50mm or 4% of length/-0.0, Whichever is greater) m
Cable jacket	TPE, Teal
Shielding	Aluminum/polyester (OUT), 38 AWG, TC (Tinned Copper), 75% coverage
Conductor material	TC (tinned copper)
Conductor colors	WH/OG, OG, WH/GN, GN, WH/BN, BN, WH/BU, BU



Circuit Diagram



Description of assembly	UTP (Unshielded Twisted Pair)
Number of pairs	4
Conductor diameter	0.034 "
Conductor insulation material	HDPE
Cable conductor cross-section	2x26 AWG [Similar to 0.14 mm ²]
Number of strands x O.D.	7x34AWG

Electrical properties at +20 °C	
Rated voltage	42V
Current	0.5AA

Mechanical and chemical properties	
Bending radius (static)	≥ 4 x Ø
Bending radius (dynamic)	≥ 10 x Ø
Bending radius (C-track)	≥ 4 In.
Bending cycles (C-track)	35 Million *
Torsional stress	± 270 °/m
Torsion rating	Max. 3 million
Torsional stress	52 Cycles/min
UL cold bend rating	-40 °C

*When properly installed @ 20°C, 50%RH, and a cycle speed of ≤0.5 cycles per second.

C-Track	Yes
Ambient temperature range (static)	-40...+80°C
Ambient temperature range (dynamic)	5...+80°C
Temperature range (installation)	-10...+80 °C

Approval

Note

- Flex ratings may be reduced if used in extreme temperatures, exposure to certain chemicals, operating above the rated cycle speed, or operating below the rated cable bend radius.

- We reserve the right to make technical alterations without prior notice.