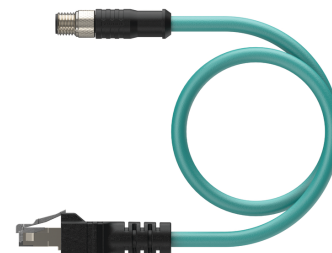
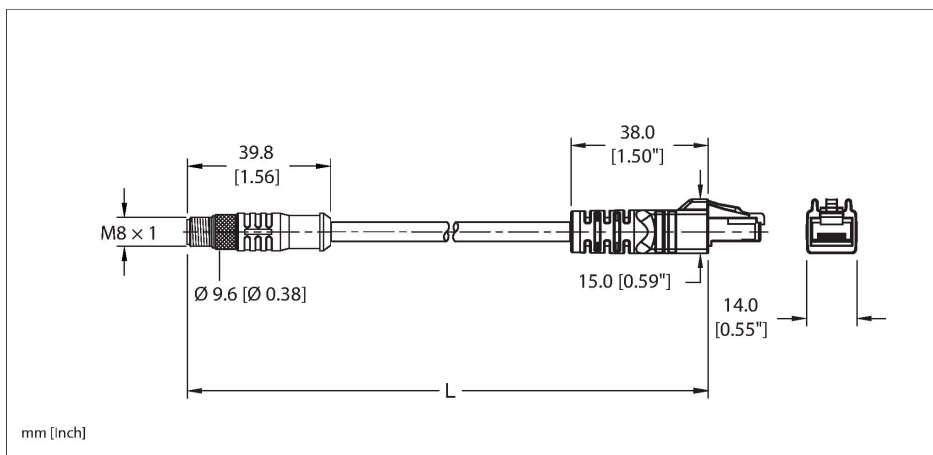


# PSGS 4M RJ45S 4413-2M

## Industrial Ethernet Cable – Extension Cable



### Technical data

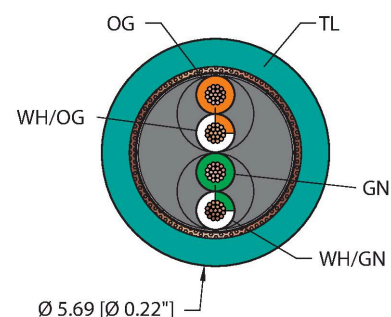
Type	PSGS 4M RJ45S 4413-2M
ID	U2-24205
Connector A	Male, M8 × 1, Straight
Design specification	Acc. to IEC 61076-2-104
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU, Black
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP68
Connector B	Male, RJ45, Straight
Number of contacts	8
Contacts	Bronze, CuSn, Gold-plated
Contact carriers	Plastic, PC, Transparent
Connector body	Plastic, TPU, Black
Protection class (When coupled)	IP20
	NEMA: 1
Cable data	
Cable ID	RF52602
Fieldbus	Ethernet, 4413/4410
Total number of conductors	4
Cable diameter	Ø 5.69 mm

### Features



- M8, Male, Straight, 4-pin
- Threaded Connector
- RJ45, Male, Straight, 8-pin, Shielded
- Industrial Ethernet Cable
- TPU jacket, Teal, shielded, 2UTPX26 AWG-40 Cold Bend Rating
- Flexlife® and C-Track Approved

### Cable cross section



### Contact assignment

## Technical data

Length (L)	2 m, (+50mm or 4% of length/-0.0, Whichever is greater)
Cable jacket	TPU, Teal
Shielding	Aluminum/polyester (OUT), 38 AWG, TC (Tinned Copper), 75% coverage
Conductor material	TC (tinned copper)
Conductor size	4
Conductor colors	OG, WH/OG, GN, WH/GN

### Sub assembly 1

Description of assembly	UTP (Unshielded Twisted Pair)
Number of pairs	2
Conductor diameter	0.037 "
Conductor insulation material	HDPE
Cable conductor cross-section	2x26 AWG [Similar to 0.14 mm²]
Number of strands x O.D.	19x38 AWG

### Electrical properties at +20 °C

Rated voltage	42 V
Current	1.5 A

### 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)	15 Million *
Torsional stress	± 360 °/m
Torsion rating	Max. 5 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

Approvals	RoHS CE
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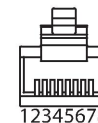
### Note

- Flex ratings may be reduced if used in extreme temperatures, exposure to certain chemicals, operating above the

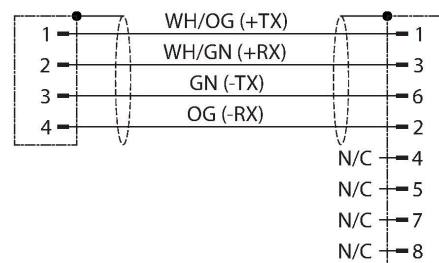
Connector A



Connector B



## Circuit Diagram



## Technical data

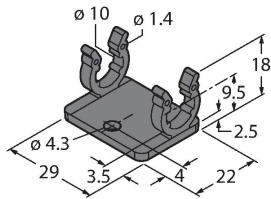
rated cycle speed, or operating below the rated cable bend radius.

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

## Accessories

### M8-CORDSETS-MOUNTING-CLIP-(10/BAG)

200005995



10 Pack of black mounting clips and M4x8mm mounting screws, used to secure cable to cable connection points.