

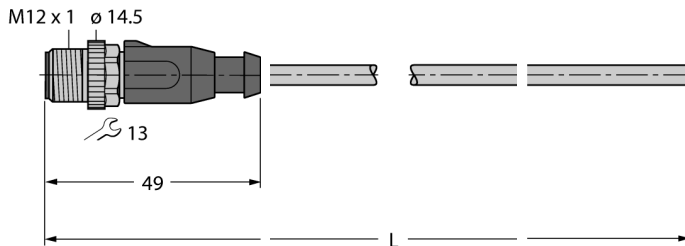
# Industrial Ethernet Cable

## PUR Cable Jacket

### RSSD-4414-1M

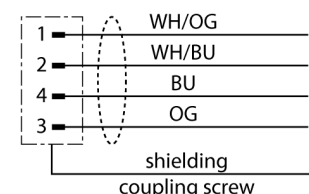
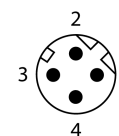
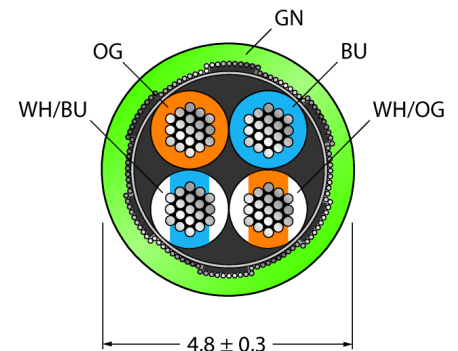
**TURCK**

Industrial  
Automation



- M12 male, straight, D-coded
- Open end
- Ethernet cable: 4-pin, AWG 26
- CAT 5E acc. to ISO/IEC 11801, EN 50173, EIA/TIA 568-A
- Jacket material: PUR
- Jacket color: green
- Shield: Polyester film laminated aluminum, copper wire
- Jacket diameter: 4.8 mm
- Qualified for drag chain use
- UV-resistant
- Oil-resistant acc. to IEC 60811-2-1 and DIN VDE 0282 part 10
- Free from silicone, PVC and LABS
- Free from halogen acc. to IEC 60754-2
- Flame-retardant acc. to IEC 60332-1-2
- Approval: cULus
- RoHS-compliant
- Protection class IP67
- D-coding

#### Cable Cross-section



<b>Type designation</b>	RSSD-4414-1M
Ident no.	6441400
<b>Connector A side</b>	Connector, M12 ♂ 1, Straight, D-coded
Number of pins	4
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, PA, UL 94, Black
Grip	Plastic, TPU, UL 94, Black
Coupling nut/screw	Brass, GD-Zn, Nickel-plated
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3/2
Protection class	IP67, A + B side screwed together
Tightening torque	0.4 ... 0.6 Nm (observe max. torque of counter piece!)
<b>Cable</b>	4414
Cable diameter	4.8 ± 0.30mm
Cable length	1 m
Cable jacket	PUR, Green
Shielding	Aluminum foil, tinned copper wire
Core insulation	PP
Core colors	WHOG, WHBU, BU, OG
Core cross-section	4x0.15mm <sup>2</sup>
Arrangement of strands	19x0.102 mm
<b>Electrical features at +20 °C</b>	
Rated voltage	30 V
Test voltage	700 V
Current	3 A
Nom. impedance	100 (1MHZ) Ω
Nom. capacitance	51 pF/m
<b>Mechanical and chemical properties</b>	
Bending radius (stationary laying)	> 15 x Ø
Bending cycles	> 5 mil.
Ambient temperature	
Stationary	-40...+80°C
In motion	-25...+80°C

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**Other Features**

Qualified for drag chain use	yes
Halogen-free	yes
Silicone-free	yes
PVC-free	yes
Resistant to weld splatter	yes
Resistant to chemicals	yes
UV resistance	yes
resistance to oil	yes
flame-retardant	yes
Approvals	cULus

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**Accessories**

Type code	Ident no.	Description	
Torque-Wrench-Set-Bus	6936171	Torque wrench set; grip with adjustable torque 0.4 to 1.0 Nm; torque wrench set, fork wrench for M8 (SW9), fork wrench for M12 (SW13), fork wrench for M12 (SW14)	