

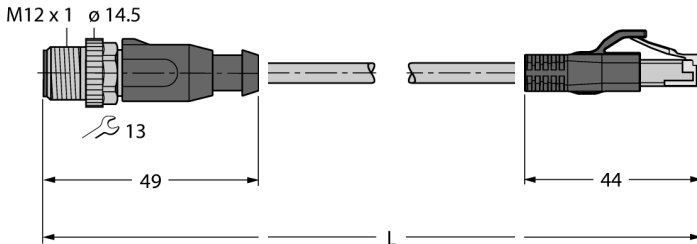
Industrial Ethernet Cable

PUR Cable Jacket

RSSD-RJ45S-4414-10M

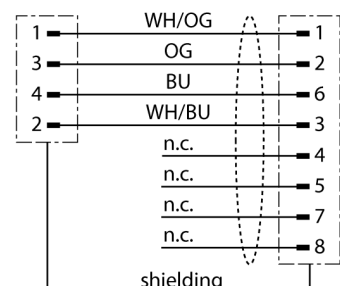
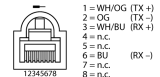
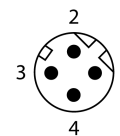
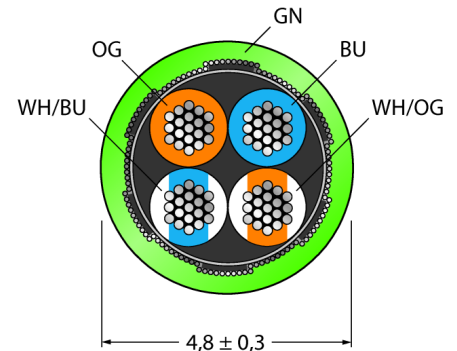
TURCK

Industrial
Automation



- M12 male, straight, D-coded
- RJ45 male, straight, 4-pin
- 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



| | |
|---|---|
| Type designation | RSSD-RJ45S-4414-10M |
| Ident no. | 6441415 |
| Connector A side | 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!) |
| Connector B side | Connector, RJ45, Straight |
| Number of pins | 4 pins |
| Contacts | metal, CuZn, Gold-plated |
| Contact carriers | Plastic, PA, UL 94 |
| Grip | plastic, TPU, UL 94 |
| Mechanical lifespan | > 100 Mating cycles |
| Pollution degree | 3/2 |
| Protection class | IP20 |
| Cable | 4414 |
| Cable diameter | 4.8 ± 0.30mm |
| Cable length | 10 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 ² |
| Arrangement of strands | 19x0.102 mm |
| Electrical features at +20 °C | |
| Rated voltage | 30 V |
| Test voltage | 700 V |
| Current | 3 A |
| Nom. impedance | 100 (1MHZ) Ω |
| Nom. capacitance | 51 pF/m |
| Mechanical and chemical properties | |
| 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) |  |