

**Actuator/Sensor cable, PUR**  
**Bulk Cable**  
**CABLE3X0.34-XX-PUR-OG-100M/TXO**



- Sheath material: PUR
- Sheath color: orange
- Qualified for drag chain use
- Resistant to weld splatter
- Resistant to chemicals, UV radiation and oils
- Flame retardant
- Free from halogen, silicone, PVC and LABS
- Particularly resistant to abrasion
- Approval: cULus
- RoHS conform
- Protection class IP67
- Cable length: 100 m

**Type designation** CABLE3X0.34-XX-PUR-OG-100M/TXO  
**Ident no.** 6628620

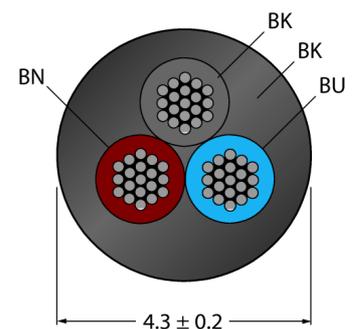
**Number of pins** 3

**General data**  
Cable diameter 4.3 ± 0.20mm  
Cable length 100 m  
Cable quality PUR  
Cable color Orange  
Core insulation PP  
Core colors BN, BU, BK  
Core cross-section 3x0.34mm<sup>2</sup>  
Arrangement of strands 42x0.1 mm

**Electrical features at +20 °C**  
Current 4 A  
Insulation resistance > 30.5 MΩ/km  
Test voltage 2000 V  
Forward resistance max. 57 Ω/km

**Mechanical and chemical properties**  
Max. tensile strength (static) ≤ 50 N/mm<sup>2</sup>  
Max. tensile strength (dynamic) ≤ 20 N/mm<sup>2</sup>  
Bending cycles > 5 mil.  
Bending radius (stationary laying) > 5 x Ø  
Bending radius (flexible use) > 10 x Ø  
Admissible acceleration max. 5 m/s<sup>2</sup>  
Admissible travel path, horizontal 5 m (at 5 m/s<sup>2</sup>)  
Admissible travel path, vertical 2 m (at 5 m/s<sup>2</sup>)  
Admissible traversing speed 3.3 m/s  
Torsional stress ± 180 °/m  
Ambient temperature  
Stationary -50...+80°C  
In motion -25...+80°C  
Drag chain operation -25...+60°C

**Cable Cross-section**



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**TURCK**

Industrial  
Automation

**Accessories**

Type code	Ident no.	Description	
Torque-Wrench-Set-AS	6936170	Torque wrench set; handles with adjustable torque 0.4-1.0 Nm, torque wrench for M8 (SW9), fork wrench for M12 (SW 14)	
BLANK-LABEL-FOR-CORDESETS-TEL-TXL	6936206	Label for TEL and TXL cables, length: 18 mm, height: 4 mm, material: polycarbonate (PC), color: white, halogen-free and flame-retardant	