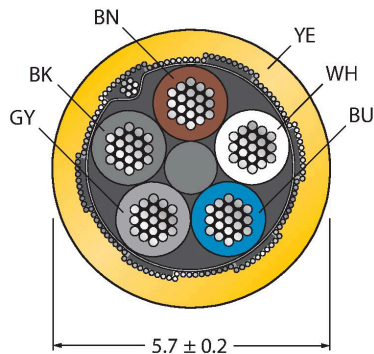


# CABLE5X0.34-SH-PUR-YE-500M/TXY

## Actuator and Sensor Cable, PUR – Bulk Cable

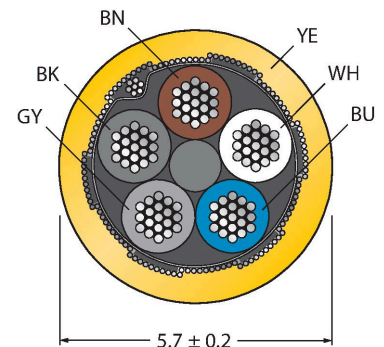


### Features



- 5-pin
- Jacket material: PUR, shielded
- Jacket color: yellow
- Suitable for drag chain use
- Resistant to chemicals, UV radiation and oils
- Flame retardant (FT2 acc. to UL 1581, IEC 60332-2-2)
- Free from halogen, silicone, PVC and LABS
- Particularly resistant to abrasion
- Protection class: IP67, IP69K
- Cable length: 500 m

### Cable Cross-Section



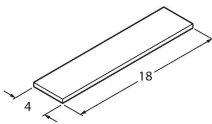
### Technical data

|                                           |                                |
|-------------------------------------------|--------------------------------|
| Type                                      | CABLE5X0.34-SH-PUR-YE-500M/TXY |
| ID                                        | 6631097                        |
| Number of pins                            | 5                              |
| <b>Cable</b>                              |                                |
| Cable diameter                            | Ø 5.6 mm ±0.20                 |
| Cable length                              | 500 m                          |
| Cable jacket                              | PUR, Yellow                    |
| Core insulation                           | PP                             |
| Core cross-section                        | 5 x 0.34 mm <sup>2</sup>       |
| Arrangement of strands                    | 42 x 0.1 mm                    |
| Core colors                               | BN, WH, BU, BK, GY             |
| <b>Electrical properties at +20 °C</b>    |                                |
| Rated voltage                             | 300 V                          |
| Test voltage                              | 2000 V                         |
| Current                                   | 4 A                            |
| Insulation resistance                     | > 30.5 MΩ/km                   |
| forward resistance                        | max. 57 Ω/km                   |
| <b>Mechanical and chemical properties</b> |                                |
| Bending radius (stationary installation)  | ≥ 5 x Ø                        |
| Bending radius (flexible use)             | ≥ 10 x Ø                       |
| Bending cycles                            | ≥ 2 million                    |
| 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 (fixed)               | -50...+80 °C                   |

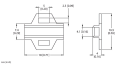
Technical data

|                                  |              |
|----------------------------------|--------------|
| Ambient temperature (mobile)     | -25...+80 °C |
| Ambient temperature (drag chain) | -25...+60 °C |

Accessories

|                                                                                                                       |         |                                                                                                                                         |         |
|-----------------------------------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------|---------|
| TORQUE-WRENCH-SET-AS                                                                                                  | 6936170 | BLANK-LABEL-FOR-CORDSETS-TEL-TXL                                                                                                        | 6936206 |
| Torque wrench set; handles with adjustable torque 0.4-1.0 Nm, torque wrench for M8 (SW9), fork wrench for M12 (SW 14) |         | Label for TEL and TXL cables, length: 18 mm, height: 4 mm, material: polycarbonate (PC), color: white, halogen-free and flame-retardant |         |
|                                                                                                                       |         |                                                       |         |

Accessories

| Dimension drawing                                                                   | Type                  | ID        |                                                                                                                                                                            |
|-------------------------------------------------------------------------------------|-----------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | LABEL-HOLDER-FLEX-PVC | 100048170 | PVC label holder for identification of extension cables (TEL/TXL product series); for cable diameters: min. 5 mm; dimensions 4 × 18 mm; delivery unit: 50 pcs. per package |