

# CABLE8X0.25-XX-PVC-BK-100M/TEL

## Actuator and Sensor Cable, PVC – Bulk Cable

### Features

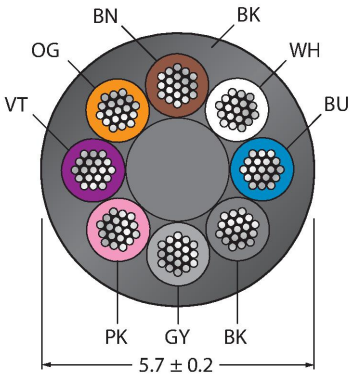


- 8-pin
- Jacket material: PVC
- Jacket color: black
- Resistant to chemicals and oils
- Flame retardant
- Resistant to acids and alkaline solutions
- Resistant to microbes and hydrolysis
- LABS free
- Protection class: IP67, IP69K
- Cable length: 100 m

### Technical data

|                                          |                                |
|------------------------------------------|--------------------------------|
| Type                                     | CABLE8X0.25-XX-PVC-BK-100M/TEL |
| ID                                       | 6627980                        |
| Number of pins                           | 8                              |
| Cable                                    |                                |
| Cable diameter                           | Ø 5.9 mm ±0.20                 |
| Cable length                             | 100 m                          |
| Cable jacket                             | PVC, Black                     |
| Core insulation                          | PVC                            |
| Core cross-section                       | 8 x 0.25 mm²                   |
| Arrangement of strands                   | 32 x 0.1 mm                    |
| Core colors                              | WH, BN, GN, YE, GY, PK, BU, RD |
| Electrical properties at +20 °C          |                                |
| Rated voltage                            | 300 V                          |
| Test voltage                             | 2000 V                         |
| Current                                  | 2 A                            |
| Insulation resistance                    | > 30.5 MΩ/km                   |
| forward resistance                       | max. 79 Ω/km                   |
| Mechanical and chemical properties       |                                |
| Bending radius (stationary installation) | ≥ 5 x Ø                        |
| Bending radius (flexible use)            | ≥ 10 x Ø                       |
| Ambient temperature (fixed)              | -40...+105 °C                  |
| Ambient temperature (mobile)             | -5...+80 °C                    |

### Cable Cross-Section



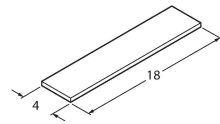
Stranded Wire Colors

| Pin | DIN 47100 (old) | DIN EN 60947-5-2 (new) |
|-----|-----------------|------------------------|
| 1   | WH              | BN                     |
| 2   | BN              | WH                     |
| 3   | GN              | BU                     |
| 4   | YE              | BK                     |
| 5   | GY              | GY                     |
| 6   | PK              | PK                     |
| 7   | BU              | VT                     |
| 8   | RD              | OG                     |

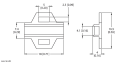
Accessories

|                                                                                                                       |         |
|-----------------------------------------------------------------------------------------------------------------------|---------|
| 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-CORDSETS-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 |         |



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 |