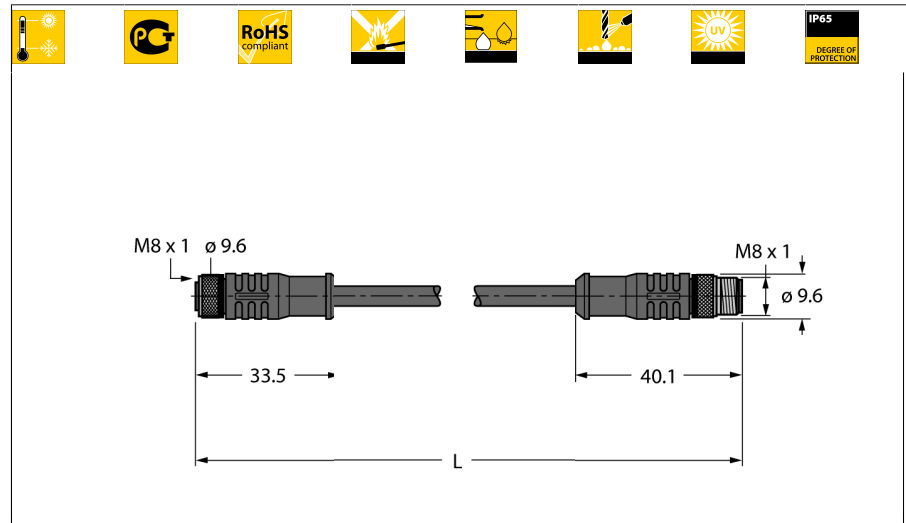


High-Temperature Resistant Actuator and Sensor Cable Extension Cable
HT-SKP4-2-HT-SSP4/S2430



- M8 female connector, straight, 4-pin
- M8 male connector, straight, 4-pin
- Sheath material: PTFE
- Sheath color: white
- Flame-retardant
- Resistant to welding sparks
- Resistant to chemicals, UV radiation and oils
- Resistant to acids and alkaline solutions
- LABS free
- Resistant to microbes and hydrolysis
- Cold and heat-flexible
- RoHS-compliant
- Protection class IP65
- Temperature range of the cable: -190°C...260°C
- Cable length: 2.0 m

| | |
|-------------------------|-------------------------|
| Type designation | HT-SKP4-2-HT-SSP4/S2430 |
| Ident no. | 8039975 |

| | |
|-------------------------|---|
| Connector A side | Female connector, M8 (← 1, Straight |
| Number of pins | 4 |
| Contacts | Brass, CuZn, Gold-plated |
| Contact carriers | Plastic, PBT GF, Black |
| Grip | Plastic, PBT GF, Black |
| Coupling nut/screw | Brass, CuZn, Nickel-plated |
| Seal | Plastic, FPM/FKM |
| Protection class | IP65, A + B side screwed together |
| Mechanical lifespan | > 100 Mating cycles |
| Pollution degree | 3 |
| Tightening torque | 0.5 ... 0.6 Nm (observe max. torque of counter piece!) |

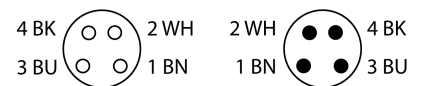
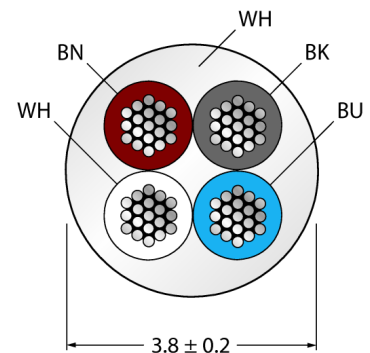
| | |
|-------------------------|---|
| Connector B side | Connector, M8x1, Straight |
| Number of pins | 4 pins |
| Contacts | brass, CuZn, Gold-plated |
| Contact carriers | Plastic, PBT GF, Black |
| Grip | plastic, PBT GF, black |
| Coupling nut/screw | Brass, CuZn, Nickel-plated |
| Protection class | IP65, Only when screwed tight |
| Mechanical lifespan | > 100 Mating cycles |
| Pollution degree | 3 |
| Tightening torque | 0.5 ... 0.6 Nm (observe max. torque of counter piece!) |

| | |
|------------------------|-----------------------|
| General data | |
| Cable diameter | 3.8 ± 0.20mm |
| Cable length | 2 m |
| Cable quality | PTFE |
| Cable color | White |
| Core insulation | PTFE |
| Core colors | BN, WH, BU, BK |
| Core cross-section | 4x0.34mm ² |
| Arrangement of strands | 7x0.254 mm |

| | |
|--------------------------------------|--------|
| Electrical features at +20 °C | |
| Current | 4 A |
| Rated voltage | 250 V |
| Forward resistance | ≤ 5 mΩ |

| | |
|---|--------------|
| Mechanical and chemical properties | |
| Bending radius (stationary laying) | > 5 x Ø |
| Bending radius (flexible use) | > 10 x Ø |
| Ambient temperature | |
| Stationary | -20...+150°C |

Cable Cross-section



Circuit Diagram

