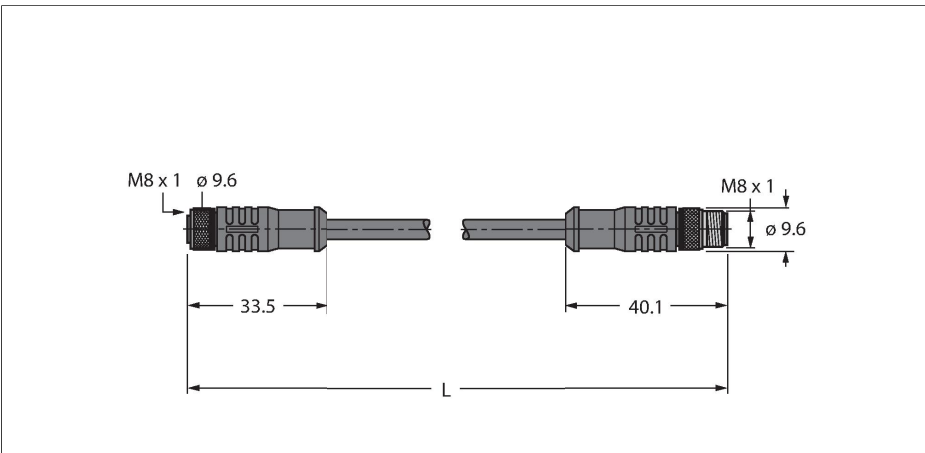


# HT-SKP4-5-HT-SSP4/S2430

## High-Temperature Resistant Actuator and Sensor Cable – Extension Cable



### Features

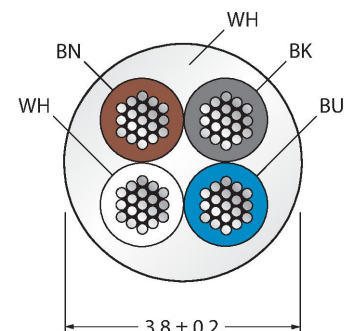


- M8 female connector, straight, 4-pin
- M8 male connector, straight, 4-pin
- Sheath material: PTFE
- Sheath color: white
- Flame-retardant
- Resistant to welding sparks
- Resistant to chemicals, UV radiation and oils
- Resistant to acids and alkaline solutions
- LABS free
- Resistant to microbes and hydrolysis
- Cold and heat-flexible
- RoHS-compliant
- Protection class IP65
- Temperature range of the cable: -190°C... 260°C
- Cable length: 5.0 m

### Technical data

|                              |                                                              |
|------------------------------|--------------------------------------------------------------|
| Type                         | HT-SKP4-5-HT-SSP4/S2430                                      |
| ID                           | 8039976                                                      |
| Connector A                  | Female, M8 × 1, Straight                                     |
| Number of Pins               | 4                                                            |
| Contacts                     | Brass, CuZn, Gold-plated                                     |
| Contact carriers             | Plastic, PBT GF, Black                                       |
| Connector body               | Plastic, PBT GF, Black                                       |
| Coupling nut/screw           | Brass, CuZn, Nickel-plated                                   |
| Seal                         | Plastic, FPM/FKM                                             |
| Tightening torque (range)    | 0.5 ... 0.6 Nm<br>(observe max. torque of mating connector!) |
| Mechanical lifespan          | > 100 Mating cycles                                          |
| Pollution degree             | 3                                                            |
| Protection class             | IP65, Only in screwed condition                              |
| Connector B                  | Male, M8 × 1, Straight                                       |
| Number of pins               | 4                                                            |
| Contacts                     | Brass, CuZn, Gold-plated                                     |
| Contact carriers             | Plastic, PBT GF, Black                                       |
| Connector body               | Plastic, PBT GF, Black                                       |
| Coupling nut/retaining screw | Brass, CuZn, Nickel-plated                                   |
| Tightening torque            | 0.5 ... 0.6 Nm (observe max. torque of mating connector!)    |
| Mechanical life              | > 100 Mating cycles                                          |
| Pollution degree             | 3                                                            |
| Protection class             | IP65, Only when screwed together                             |

### Cable Cross-Section



### Contact assignment



Technical data

| Cable                                    |                     |
|------------------------------------------|---------------------|
| Cable diameter                           | Ø 3.8 mm ±0.20      |
| Cable length                             | 5 m                 |
| Cable jacket                             | PTFE, White         |
| Core insulation                          | PTFE                |
| Core cross-section                       | 4 x 0.34 mm²        |
| Arrangement of strands                   | 7 x 0.254 mm        |
| Core colors                              | BN, WH, BU, BK      |
| Electrical properties at +20 °C          |                     |
| Rated voltage                            | 250 V               |
| Current                                  | 4 A                 |
| Insulation resistance                    | ≥ 10 <sup>8</sup> Ω |
| forward resistance                       | ≤ 5 mΩ              |
| Mechanical and chemical properties       |                     |
| Bending radius (stationary installation) | ≥ 5 x Ø             |
| Bending radius (flexible use)            | ≥ 10 x Ø            |
| Ambient temperature range (stationary)   | -20...+150 °C       |

Circuit Diagram

