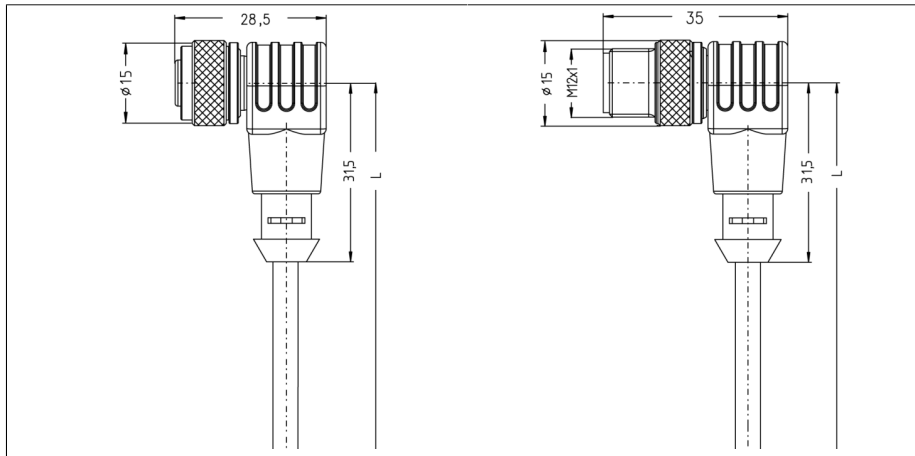


**Industrial sensor cable**  
**PTFE cable sheath**  
**HT-WWAK4.5-2-HT-WWAS4.5/S2430**

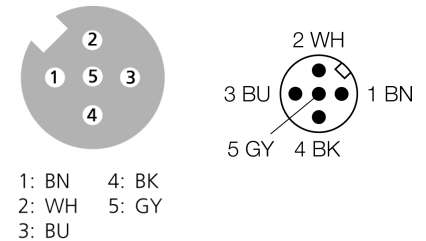
**TURCK**

Industrial  
Automation



- Ready-made and overmoulded extension cable
- Protection class IP65
- For use in high-temperature applications
- Other cable lengths available
- PTFE cable

**Wiring diagram**



**Cable quality S2430**

This cable is thermally stable in a range between -190 °C to +260 °C. Thanks to the fully fluorinated sheath and conductor insulation, it can also be deployed as a high-frequency cable, as control line in temperature critical areas and also in the computer and aerospace industry. It is also highly resistant to chemicals, ozone and weather conditions.

|                               |                                   |
|-------------------------------|-----------------------------------|
| <b>Type code</b>              | HT-WWAK4.5-2-HT-WWAS4.5/S2430     |
| <b>Ident no.</b>              | 8039963                           |
| <b>Connector A side</b>       | female connector, M12 x 1, angled |
| Number of pins                | 5                                 |
| Contacts                      | metal, CuZn, gold-plated          |
| Contact carriers              | plastic, PBT GF, black            |
| Grip                          | plastic, PBT GF, black            |
| Coupling nut/screw            | metal, CuZn, nickel-plated        |
| Seal                          | plastic, FPM/FKM                  |
| Mechanical lifespan           | > 100 mating cycles               |
| Pollution degree              | 3                                 |
| <b>Connector B side</b>       | male connector, M12 x 1, angled   |
| Number of pins                | 5                                 |
| Contact carriers              | plastic, PBT GF, black            |
| Contacts                      | metal, CuZn, gold-plated          |
| Grip                          | plastic, PBT GF, black            |
| Coupling nut/screw            | metal, CuZn, nickel-plated        |
| Mechanical lifespan           | > 100 contact durability          |
| Pollution degree              | 3                                 |
| <b>Cable</b>                  | S2430, Li5Y5Y-OB                  |
| Cable diameter                | 3.8 mm                            |
| Cable length                  | 2m                                |
| Cable sheath                  | PTFE, WH                          |
| Core insulation               | PTFE                              |
| Core colors                   | BN, BK, BU, GY, WH                |
| Core cross-section            | 5x0.34mm <sup>2</sup>             |
| Litz wire arrangement         | 7x0.254 mm                        |
| Bending radius (mobile)       | min. 10 x Ø cable                 |
| <b>Rated voltage [Umax]</b>   | 60 V                              |
| Insulation resistance         | ≥ 10 <sup>9</sup> Ω               |
| Ampacity                      | Max. 4 A                          |
| Forward resistance            | ≤ 5 mΩ                            |
| Ambient temperature Connector | -20... +150°C                     |
| Cable ambient temperature     | -190... +260°C                    |