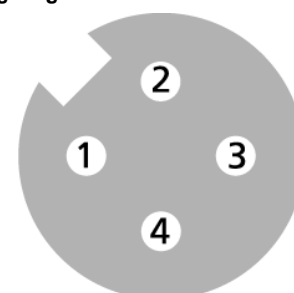


# Connection cable female M12 x 1, high-temperature proof HT-WWAK3-2/S2430

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

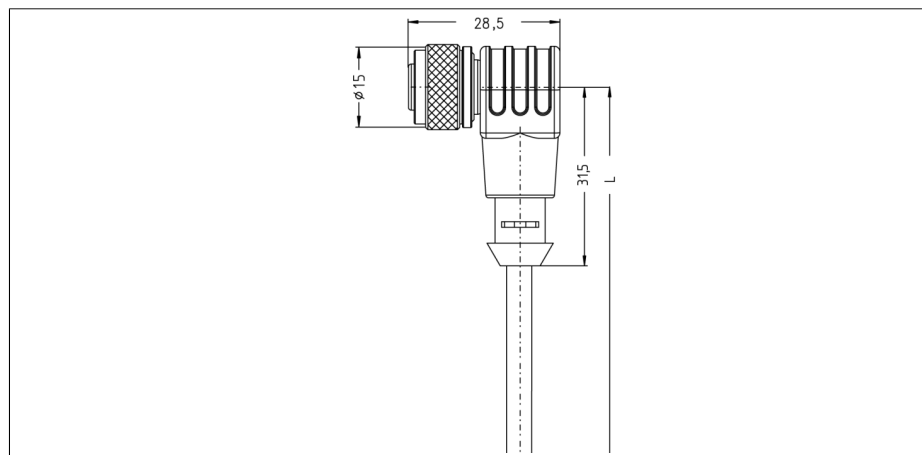
## Wiring diagram



1: BN      3: BU  
2: n.c.    4: BK

## 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-WWAK3-2/S2430                  |
| Ident no.                     | 8039224                           |
| <b>Connector A side</b>       | female connector, M12 x 1, angled |
| Number of pins                | 3                                 |
| 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>Cable</b>                  | S2430, Li5Y5Y-OB                  |
| Cable diameter                | 3.8 mm                            |
| Cable length                  | 2m                                |
| Cable sheath                  | PTFE, WH                          |
| Core insulation               | PTFE                              |
| Core colors                   | BN, BU, BK                        |
| 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>   | 250 V                             |
| Insulation resistance         | ≥ 10 <sup>6</sup> Ω               |
| Ampacity                      | Max. 4 A                          |
| Forward resistance            | ≤ 5 mΩ                            |
| Ambient temperature Connector | -20... +150°C                     |
| Cable ambient temperature     | -190... +260°C                    |