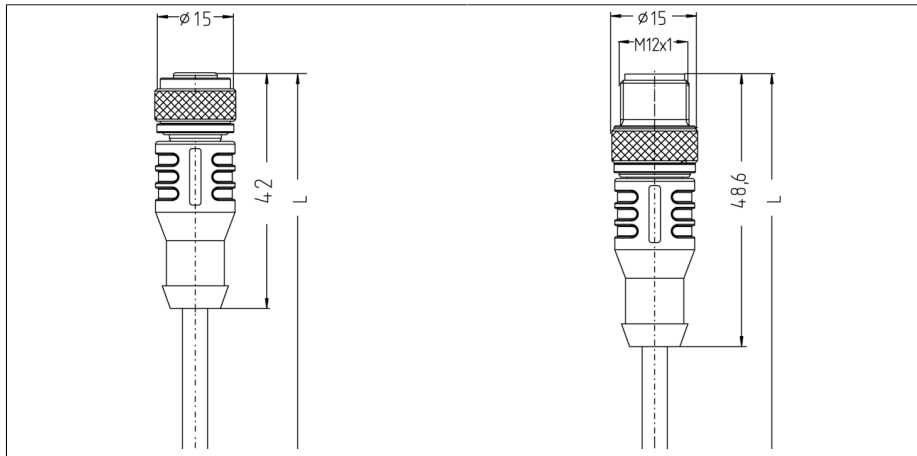


Industrial sensor cable
PTFE cable sheath
HT-WAK4.5-2-HT-WAS4.5/S2430

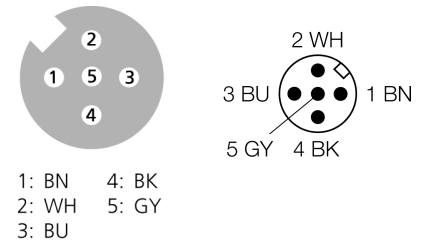
TURCK

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.

Type code HT-WAK4.5-2-HT-WAS4.5/S2430
Ident no. 8039949

Connector A side
 female connector, M12 x 1, axial
 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

Connector B side
 male connector, M12 x 1, axial
 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

Cable
 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 5x0.34mm²
 Litz wire arrangement 7x0.254 mm
 Bending radius (mobile) min. 10 x Ø cable

Rated voltage [Umax] 60 V
 Insulation resistance ≥ 10⁹ Ω
 Ampacity Max. 4 A
 Forward resistance ≤ 5 mΩ
 Ambient temperature Connector -20... +150°C
 Cable ambient temperature -190... +260°C