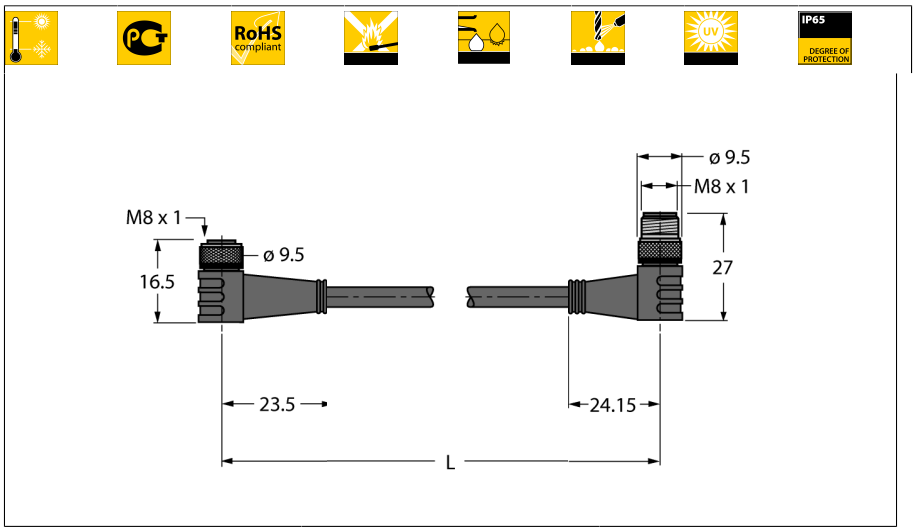
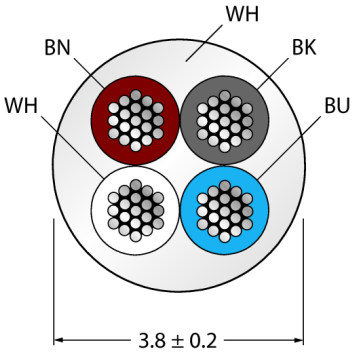
High-Temperature Resistant Actuator and Sensor Cable Extension Cable
HT-SWKP4-2-HT-SWSP4/S2430

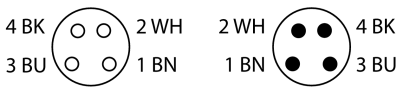


- **M8 female connector, angled, 4-pin**
- **M8 male connector, angled, 4-pin**
- **Sheath material: PTFE**
- **Sheath color: white**
- **Flame-retardant**
- **Resistant to welding sparks**
- **Resistant to chemicals, UV radiation and oils**
- **Resistant to acids and alkaline solutions**
- **LABS free**
- **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**

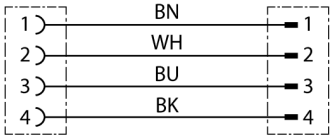
Type designation	HT-SWKP4-2-HT-SWSP4/S2430
Ident no.	8039981
Connector A side	Female connector, M8 -(← 1, Angled
Number of pins	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PBT GF, Black
Grip	Plastic, PBT GF, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Seal	Plastic, FPM/FKM
Protection 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, Angled
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	4x0.34mm²
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



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