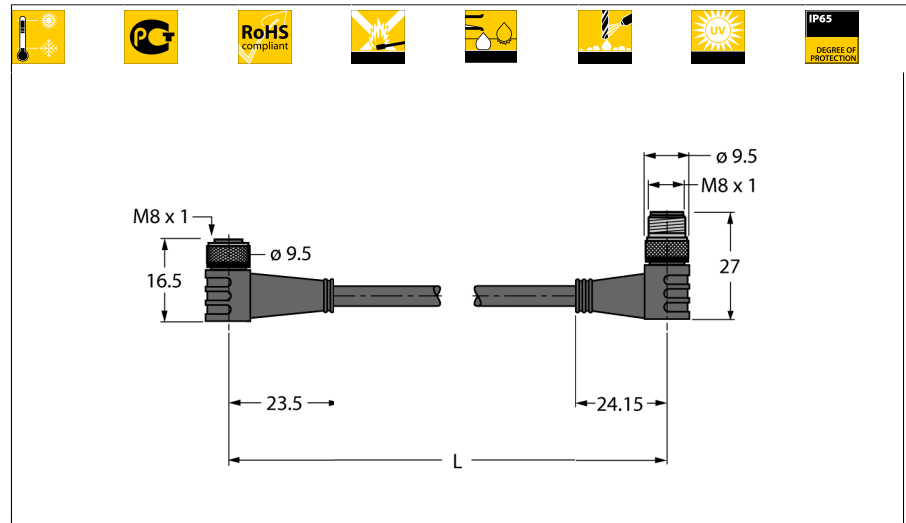


**High-Temperature Resistant Actuator and Sensor Cable Extension Cable**  
**HT-SWKP3-1-HT-SWSP3/S2430**



- M8 female connector, angled, 3-pin
- M8 male connector, angled, 3-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: 1.0 m

<b>Type designation</b>	HT-SWKP3-1-HT-SWSP3/S2430
Ident no.	8051991

<b>Connector A side</b>	Female connector, M8 (↙ 1, Angled
Number of pins	3
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!)

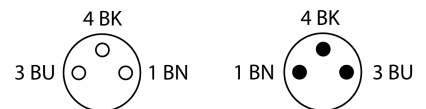
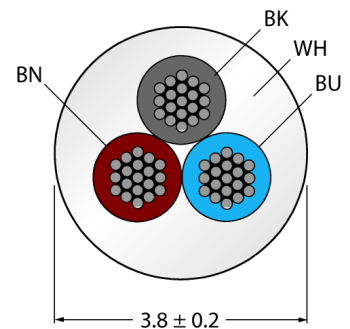
<b>Connector B side</b>	Connector, M8x1, Angled
Number of pins	3 pins
Contacts	brass, CuZn, Gold-plated
Contact carriers	Plastic, PBT GF, Black
Grip	plastic, PBT GF, black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Protection class	IP65, Only when screwed tight
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Tightening torque	0.5 ... 0.6 Nm (observe max. torque of counter piece!)

<b>General data</b>	
Cable diameter	3.8 ± 0.20mm
Cable length	1 m
Cable quality	PTFE
Cable color	White
Core insulation	PTFE
Core colors	BN, BU, BK
Core cross-section	3x0.34mm <sup>2</sup>
Arrangement of strands	7x0.254 mm

<b>Electrical features at +20 °C</b>	
Current	4 A
Rated voltage	250 V
Forward resistance	≤ 5 mΩ

<b>Mechanical and chemical properties</b>	
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**

