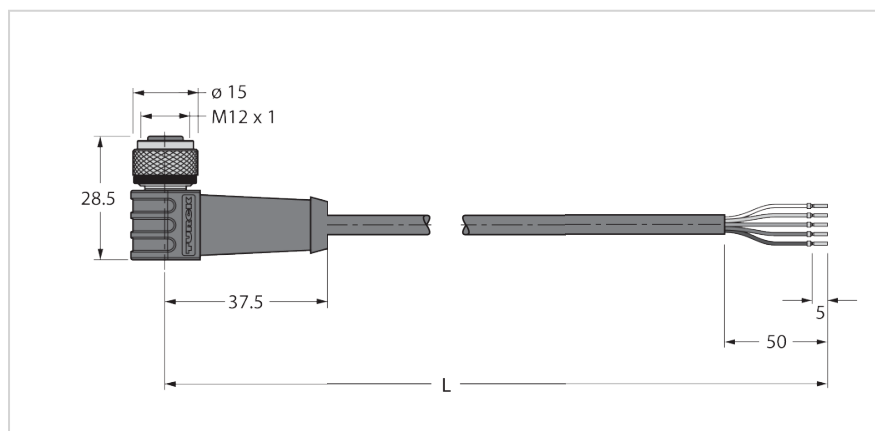


HT-WWAK4.5-25/S2430

High-Temperature Resistant Actuator and Sensor Cable Connection Cable



Type designation	HT-WWAK4.5-25/S2430
Ident-No.	8065571

Technical data

Electrical data	
Current	4 A
Rated voltage	60 V
forward resistance	≤ 5 mΩ
Insulation resistance	≥ 10 ⁸ Ω
Mechanical data	
Bending radius (stationary installation)	≥ 5 x Ø
Bending radius (flexible use)	≥ 10 x Ø
Connector A	
Connector A	Female, M12 x 1, Angled
Mechanical lifespan	> 100 Plug cycles
Number of Pins	5
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PBT GF, Black
Connector body	Plastic, PBT GF, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Seal	Plastic, FPM/FKM
Pollution degree	3
Protection class	IP65, Only in screwed condition

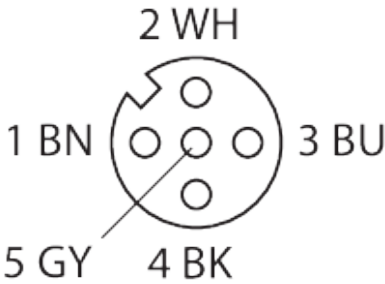
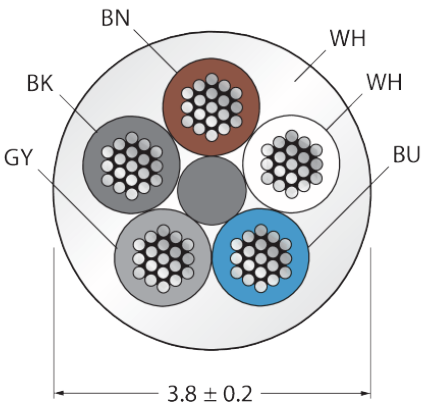
Features

- M12 female connector, angled, 5-pin
- Jacket material: PTFE
- Jacket 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: 25 m

Technical data

Cable	
Cable diameter	3,8 mm ±0.20
Cable length	25 m
Cable jacket	PTFE, White
Core insulation	PTFE
Core cross-section	5 x 0,34 mm²
Arrangement of strands	7 x 0,254 mm
Core colors	BN, WH, BU, BK, GY
Ambient conditions	
Ambient temperature (fixed)	-20...+150 °C
Comments	
Packaging unit	1

Cable Cross-Section



Circuit Diagram

