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M12, female, angled, 5 poles, sensor-/actuator cable, high-temperature
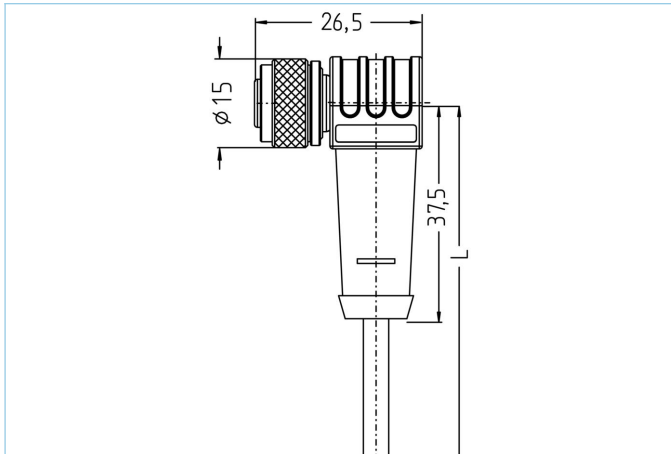
Product data	
Item description	HT-WWAK4.5-10/S2430
Item-No.	8039228
Length	10m
Customs tariff-No.	85444290
Step-File	HT-WWAK4_5.stp
EAN	4047106001322

Technical data	
Connector	female, angled, M12
Number of pins	5
Pin assignment	1 BN, 2 WH, 3 BU, 4 BK, 5 GY
Coding	A
Rated voltage	60V
Current load per pin (at 40°C)	4A
Insulation resistance	≥10⁸Ω
Ambient temperature product	-20°C...+150°C
Contact material	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, PBT GF, BK
Grip body material	Plastic, PBT GF, BK
Coupling nut material	Metal, CuZn, nickel-plated
Sealing (female) material	FPM/FKM
Standards	IEC 61076-2-101
Degree of protection (mounted)	IP65
Mechanical life-cycle	>100 mating cycles
Cable end assembly	50mm stripped
Degree of pollution	3
Style	angled

Cable	PTFE, S2430, high temp

The thermal resistance of this high-temperature cable extends from -190°C to +260°C. Due to its fully fluorinated jacket and wire insulation, the cable is perfectly suited for applications in high-frequency cables, as control cable in critical temperature areas, and in the computer-, and aviation industry. In addition, it stands out through a very good chemical strength, as well as its ozone- and weather resistance.

Outer diameter of jacket	3.80 mm
Cable-jacket material	PTFE
Jacket color	WH, similar RAL9003
Wire cross-section	5 x AWG22
Wire insulation material	PTFE
Wire colors	BN, WH, BU, BK, GY
Wire structure	7 x 0.254 mm
Bending radius (fixed)	5 x Ø-cable
Bending radius (repeated)	10 x Ø-cable
Temperature range (fixed)	-190°C…+260°C
Rated voltage cable	≤250 V
Special features	seawater resistant, LABS free, RoHs compliant, ozone resistant, UV resistant, hydrolysis proof, flexibility at low temperature, non-flammable, low emission of smoke, excellent chemicals resistance, flexible at high temperatures

Classification	
eCl@ss 6.0	27279218
eCl@ss 7.0	27279218
eCl@ss 8.0	27279218
eCl@ss 9.0	27060311
ETIM 5.0	EC001855
ETIM 6.0	EC001855

Accessories
Mounting-set, M12
https://www.escha.net/en/products/standard/accessories-for-connectivity/8047664
Torque-wrench set
https://www.escha.net/en/products/standard/accessories-for-connectivity/8055431
Marking rings Ø 9mm
https://www.escha.net/en/products/standard/accessories-for-connectivity/?p=1&o=3&n=15&f=809
Cable Stripping Tool
https://www.escha.net/en/products/standard/accessories-for-connectivity/8066215
Cable Stripping Tool
https://www.escha.net/en/products/standard/accessories-for-connectivity/8066216

Link to product
https://www.escha.net/en/products/standard/sensoractuator-connectors/8039228