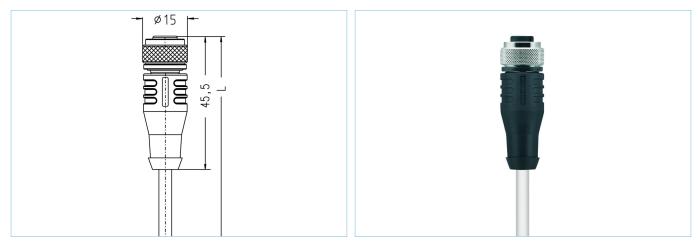


M12, female, straight, 3 poles, sensor-/actuator cable, high-temperature





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Product data	
Item description	HT-WAK3-5/S2430
Item-No.	8036085
Length	5m
Customs tariff-No.	85444290
Step-File	HT-WAK3.stp
EAN	4047106000707
Technical data	
Connector	female, straight, M12
Number of pins	3
Pin assignment	1 BN, 3 BU, 4 BK
Coding	A
Rated voltage	250V
Current load per pin (at 40°C)	4A
Insulation resistance	≥10 [®] Ω
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	straight



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 resi- stant, hydrolysis proof, flexibility at low temperature, non-flammable, low emission of smoke, excellent chemicals resistance, flexible at high tempe- ratures	

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/8036085