

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



Product data	
Item description	HT-WAS3-2/S2430
Item-No.	8039231
Length	2m
Customs tariff-No.	85444290
Step-File	HT-WAS3.stp
EAN	4047106001353
Technical data	
Connector	male, 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 <sup>9</sup> 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
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

<b>Cable</b>	<b>PTFE, S2430, high temp</b>
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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

<b>Classification</b>
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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

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

<b>Link to product</b>
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<a href="https://www.escha.net/en/products/standard/sensoractuator-connectors/8039231">https://www.escha.net/en/products/standard/sensoractuator-connectors/8039231</a>
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