

**084Z5052****Temperature sensor, MBT 5113, 100 mm, G,3/4, ISO 228-1-A**

Temperature range [°C]: -50 - 800, Thermocouple: 1 x NiCr-Ni, Type K, Output signal: mV, Protection tube material: AISI 316 Ti, Electrical connection: Type B, Electrical connection size: Pg 16

**PRODUCT DETAILS**

<b>Gross weight</b>	0.568 Kilogram
<b>Net weight</b>	0.389 Kilogram
<b>Volume</b>	1.118 Liter
<b>EAN</b>	5702423141050
<b>Type</b>	MBT 5113
<b>Product group</b>	Sensors
<b>Product Name Description</b>	Temperature sensor
<b>Ambient temperature max. [°C]</b>	90 °C
<b>Ambient temperature max. [°F]</b>	194 °F
<b>CE evaluated</b>	Yes
<b>China RoHS compliance</b>	Out of scope
<b>Connection material</b>	AISI 316 Ti
<b>Connection standard</b>	ISO 228
<b>Connection type</b>	G
<b>Contains batteries</b>	No
<b>EEE category</b>	5 small equipment (any external dimension < 50 cm)
<b>Electrical connection</b>	Type B
<b>Electrical connection size</b>	Pg 16
<b>Enclosure rating IP</b>	IP65
<b>EU RoHS compliance</b>	Yes with exemptions
<b>EU RoHS exemption clause</b>	6(c)
<b>Extension length [in]</b>	1.97 in
<b>Extension length [mm]</b>	50 mm
<b>In scope of WEEE</b>	Yes
<b>Insertion length [in]</b>	3.94 in
<b>Insertion length [mm]</b>	100 mm
<b>Insertion type</b>	Fixed
<b>Number of terminals [pcs]</b>	2 pc
<b>Output signal</b>	mV
<b>Packing format</b>	Multi pack
<b>Process connection Male/Female</b>	Male
<b>Process connection material</b>	AISI 316 Ti
<b>Process connection size</b>	3/4
<b>Process connection standard</b>	ISO 228-1-A
<b>Process connection type</b>	G
<b>Protection tube diameter [in] [max]</b>	0.945 in
<b>Protection tube diameter [in] [min]</b>	0.551 in

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**Product Detail | Temperature sensor, MBT 5113, 100 mm, G,3/4, ISO 228-1-A**
**PRODUCT DETAILS**

<b>Protection tube diameter [mm] [max]</b>	24 mm
<b>Protection tube diameter [mm] [min]</b>	14 mm
<b>Protection tube material</b>	AISI 316 TI
<b>Quantity per packing format</b>	9 pc
<b>REACH Candidate List substances</b>	Lead (CAS no. 7439-92-1)
<b>SCIP dossier no.</b>	daa062e2-e8c0-4d66-a1fa-e3b4de3cda2a
<b>Sensor element standard</b>	EN 60584-2
<b>Sensor element tolerance</b>	Class 2
<b>Sensor Insert</b>	Exchangeable
<b>Temperature range [°C] [max]</b>	800 °C
<b>Temperature range [°C] [min]</b>	-50 °C
<b>Temperature range [°F] [max]</b>	1472 °F
<b>Temperature range [°F] [min]</b>	-58 °F
<b>Thermocouple</b>	1 x NiCr-Ni, Type K
<b>Thermocouple design std.</b>	EN 61515
<b>Thermocouple tolerance</b>	EN 60584-2 Class 2
<b>Type designation</b>	MBT 5113-B001-100-10-0000
<b>Wires [pcs]</b>	2 pc

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**Accessories**

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