

**084Z5025****Temperature sensor, MBT 5116, 200 mm, G,3/4, ISO 228-1-A**

Temperature range [°C]: -50 - 600, Sensor element type: Pt, Sensor elem. resistance [Ohm]: 100, Protection tube material: AISI 316 Ti, Electrical connection: Type B, Electrical connection size: Pg 16

PRODUCT DETAILS

Gross weight	0.79 Kilogram
Net weight	0.786 Kilogram
Volume	1.47 Liter
EAN	5702423139255
Type	MBT 5116
Product group	Sensors
Product Name Description	Temperature sensor
Ambient temperature max. [°C]	90 °C
Ambient temperature max. [°F]	194 °F
Approval	CE
CE evaluated	Yes
China RoHS compliance	Out of scope
Connection material	AISI 316 Ti
Connection standard	ISO 228
Connection type	G
Contains batteries	No
EEE category	5 small equipment (any external dimension < 50 cm)
Electrical connection	Type B
Electrical connection size	Pg 16
Enclosure rating IP	IP65
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	6(c)
Extension length [in]	1.97 in
Extension length [mm]	50 mm
In scope of WEEE	Yes
Insertion length [in]	7.9 in
Insertion length [mm]	200 mm
Insertion type	Fixed
Number of terminals [pcs]	3 pc
Output signal	Ohm
Packing format	Multi pack
Process connection Male/Female	Male
Process connection material	Stainless steel
Process connection size	3/4
Process connection standard	ISO 228-1-A
Process connection type	G
Protection tube diameter [in] [max]	0.945 in

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Product Detail | Temperature sensor, MBT 5116, 200 mm, G,3/4, ISO 228-1-A
PRODUCT DETAILS

Protection tube diameter [in] [min]	0.551 in
Protection tube diameter [mm] [max]	24 mm
Protection tube diameter [mm] [min]	14 mm
Protection tube material	AISI 316 TI
Quantity per packing format	6 pc
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
SCIP dossier no.	daa062e2-e8c0-4d66-a1fa-e3b4de3cda2a
SCIP dossier product name	MBT 5113/5116
Sensor elem. resistance [Ohm]	100 Ohm
Sensor element [pc]	1 pc
Sensor element standard	EN 60751
Sensor element tolerance	Class B
Sensor element type	Pt
Sensor Insert	Exchangeable
Temperature range [°C] [max]	600 °C
Temperature range [°C] [min]	-50 °C
Temperature range [°F] [max]	1112 °F
Temperature range [°F] [min]	-58 °F
Type designation	MBT 5116-B001-200-10-0000
Wires [pcs]	2 pc

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Accessories

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