

**084Z3077** [↗](#)**Temperature sensor, MBT 5310, 55 mm - 70 mm, G,3/4**

Temperature range [°C]: -50 - 200, Sensor element type: Pt, Sensor elem. resistance [Ohm]: 100, Protection tube material: AISI 316 TI, Electrical connection: Angular connector, Electrical connection size: Pg 9

PRODUCT DETAILS

Gross weight	0.279 Kilogram
Net weight	0.275 Kilogram
Volume	0.217 Liter
EAN	5702423226740
Type	MBT 5310
Product group	Sensors
Product Name Description	Temperature sensor
Ambient temperature max. [°C]	125 °C
Ambient temperature max. [°F]	257 °F
Approval	CE
CE mark	Yes
China RoHS compliance	Out of scope
Connection material	Brass
Connection standard	ISO 228
Connection type	G
Contains batteries	No
EEE category	5 small equipment (any external dimension < 50 cm)
Electrical conn. Male/Female	Male and Female
Electrical connection	Angular connector
Electrical connection size	Pg 9
Electrical connection standard	EN 175301-803-A
Enclosure rating IP	IP65
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	6(c)
In scope of WEEE	Yes
Insertion length [in] [max]	2.76 in
Insertion length [in] [min]	2.17 in
Insertion length [mm] [max]	70 mm
Insertion length [mm] [min]	55 mm
Insertion type	Variable
Measuring range [°C] [max]	200 °C
Measuring range [°C] [min]	-50 °C
Measuring range [°F] [max]	392 °F
Measuring range [°F] [min]	-58 °F
Number of terminals [pcs]	3 pc
Output signal	Ohm
Packing format	Multi pack

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Product Detail | Temperature sensor, MBT 5310, 55 mm - 70 mm, G,3/4
PRODUCT DETAILS

Process connection Male/Female	Male
Process connection material	Brass
Process connection size	3/4
Process connection standard	ISO 228-1-A
Process connection type	G
Protection tube diameter [in]	0.315 in
Protection tube diameter [mm]	8 mm
Protection tube material	AISI 316 TI
Quantity per packing format	20 pc
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
SCIP dossier no.	7e8c0ff3-1e7a-4680-b92c-bfbffbb08416
SCIP dossier product name	MBT 3310/5310
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	Fixed
Temperature range [°C] [max]	200 °C
Temperature range [°C] [min]	-50 °C
Temperature range [°F] [max]	392 °F
Temperature range [°F] [min]	-58 °F
Type designation	MBT 5310-00-070-130
Wires [pcs]	2 pc

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Accessories

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