

**084Z8047** **Temperature sensor, MBT 5250, 150 mm, G,1/2**

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 13.5

PRODUCT DETAILS

Gross weight	0.22 Kilogram
Net weight	0.171 Kilogram
Volume	0.594 Liter
EAN	5702423084104
Type	MBT 5250
Product group	Sensors
Product Name Description	Temperature sensor
Ambient temperature max. [°C]	125 °C
Ambient temperature max. [°F]	257 °F
CE evaluated	Yes
China RoHS compliance	Out of scope
Connection material	Stainless steel
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 13.5
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]	5.9 in
Insertion length [mm]	150 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	1/2
Process connection standard	ISO 228-1-A
Process connection type	G
Protection tube diameter [in]	0.315 in
Protection tube diameter [mm]	8 mm

PRODUCT DETAILS

Protection tube material	AISI 316 Ti
Quantity per packing format	12 pc
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
SCIP dossier no.	1741c763- fa54-4cb9-973c-52e51e4079b9
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]	200 °C
Temperature range [°C] [min]	-50 °C
Temperature range [°F] [max]	392 °F
Temperature range [°F] [min]	-58 °F
Type designation	MBT 5250-0000-150-320
Wires [pcs]	2 pc

For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store [↗](#)

Accessories

**084Z2441** [↗](#)**Sensor pocket, MBT 120**

Protection tube diameter [mm]: 11, Insertion length [mm]: 150, Process connection type: G, 1/2,
Temperature range [°C]: -50 - 200, Protection tube material: AISI 316 Ti, Used for product: MBT 5250

For more information, please use this link to visit the product page on Danfoss Product Store [↗](#)

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