

**084Z5024****Temperature sensor, MBT 5116, 150 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**

<b>Gross weight</b>	0.7 Kilogram
<b>Net weight</b>	0.696 Kilogram
<b>Volume</b>	1.397 Liter
<b>EAN</b>	5702423139262
<b>Type</b>	MBT 5116
<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>Approval</b>	CE
<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>	5.9 in
<b>Insertion length [mm]</b>	150 mm
<b>Insertion type</b>	Fixed
<b>Number of terminals [pcs]</b>	3 pc
<b>Output signal</b>	Ohm
<b>Packing format</b>	Multi pack
<b>Process connection Male/Female</b>	Male
<b>Process connection material</b>	Stainless steel
<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

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

**Product Detail | Temperature sensor, MBT 5116, 150 mm, G,3/4, ISO 228-1-A****PRODUCT DETAILS**

<b>Protection tube diameter [in] [min]</b>	0.551 in
<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>	8 pc
<b>REACH Candidate List substances</b>	Lead (CAS no. 7439-92-1)
<b>SCIP dossier no.</b>	daa062e2-e8c0-4d66-a1fa-e3b4de3cda2a
<b>SCIP dossier product name</b>	MBT 5113/5116
<b>Sensor elem. resistance [Ohm]</b>	100 Ohm
<b>Sensor element [pc]</b>	1 pc
<b>Sensor element standard</b>	EN 60751
<b>Sensor element tolerance</b>	Class B
<b>Sensor element type</b>	Pt
<b>Sensor Insert</b>	Exchangeable
<b>Temperature range [°C] [max]</b>	600 °C
<b>Temperature range [°C] [min]</b>	-50 °C
<b>Temperature range [°F] [max]</b>	1112 °F
<b>Temperature range [°F] [min]</b>	-58 °F
<b>Type designation</b>	MBT 5116-B001-150-10-0000
<b>Wires [pcs]</b>	2 pc

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

**Accessories**

**We're sorry, but the requested information is currently unavailable.**

This may be because accessories for this product are not available or the data is incomplete.

For the latest and most accurate information, please visit [store.danfoss.com](https://store.danfoss.com).

Thank you for your understanding.

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

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.