motralec Danfoss Temperature sensor Type MBT 400 Wall mount temperatur· DEMANDE DE PRIX >
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Data Sheet

Temperature sensor Type **MBT 400**

Wall mount temperature sensor.



Pt 1000 temperature sensor developed for measuring room temperature.
Pt-element according to EN 60751.

Features:

- Designed for use in severe industrial environments
- Enslosure IP 54
- Cable material PVC
- Sensor cover ABS
- Sensor bottom PC (polycarbonate)s

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Product specification

Technical data

Table 1: Technical data

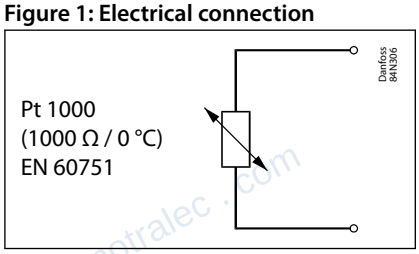
Features	Description
Nominal resistance	1000 ohm at 0 °C
Measuring accuracy	EN 60751 Class B
Temperature range	-50 – 50 °C
Cable material	PVC, 2 x 0.25 mm²
Sensor	Cover: ABS Bottom: PC (polycarbonate)
Enclosure	IP 54
Time constant in air	T90 = 3 – 15 min.

Table 2: Temperature data

R (Typ.) Ohm	Temp. °C	Temp. °F
1117	30	86
1078	20	68
1039	10	50
1000	0	32
961	-10	14
922	-20	-4
882	-30	-22

Electrical connection

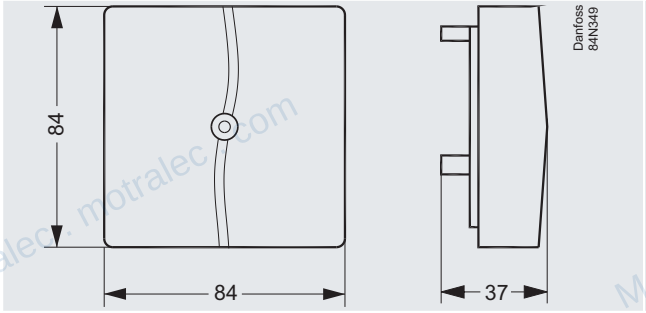
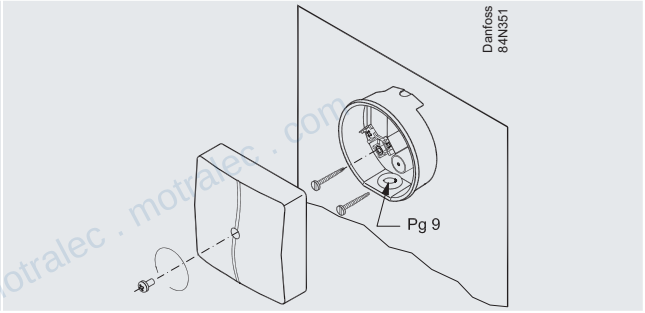
Figure 1: Electrical connection



Connection cable: 2 x 0.4 – 1.5 mm²

Dimensions and Mounting

Table 3: Dimensions and Mounting

Dimensions	Mounting
	

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Ordering

Table 4: Ordering

Type	Weight approx (kg)	Number	Code no.
MBT 400	0.200	1	084N1025

Certificates, declarations, and approvals

The list contains all certificates, declarations, and approvals for this product type. Individual code number may have some or all of these approvals, and certain local approvals may not appear on the list.

Some approvals may change over time. You can check the most current status at danfoss.com or contact your local Danfoss representative if you have any questions.

Table 5: MBT 400

File name	Document type	Document topic	Approval authority
084R1022.01	Manufacturers Declaration	China RoHS	Danfoss
OC.C.32.004.A 75977	Measuring - Performance Certificate	–	GOST

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