

Data sheet

Temperature sensor

MBT 400



Pt 1000 temperature sensor developed for measuring room temperature.

Pt-element according to EN 60751

Features

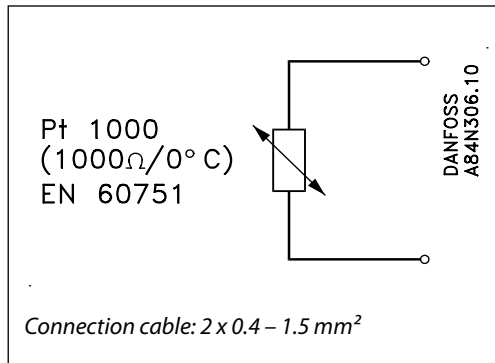
- Designed for use in severe industrial environments
- Enclosure IP 54
- Cable material PVC
- Sensor cover ABS
- Sensor bottom PC (polycarbonate)s

Technical data

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 mm ²
Sensor cover Sensor bottolm	ABS PC (polycarbonate)
Enclosure	IP 54
Time constant in air	T90 = 3 – 15 min.

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

Electical connection



Ordering

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

Dimensions

