

Data sheet

Temperature sensor MBT 400



Pt 1000 temperature sensor developed for measuring room temperature.

Pt-element according to EN 60751

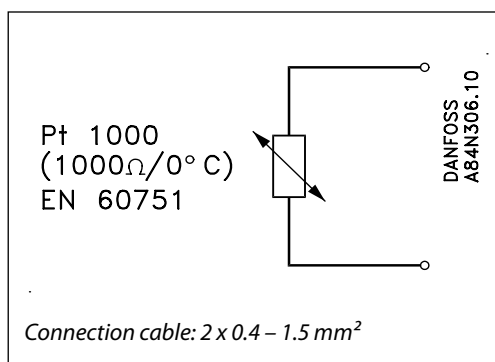
Features

- 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	R (Typ.) Ohm	Temp. °C	Temp. °F
Measuring accuracy	EN 60751 Class B	1117	30	86
Temperature range	-50 – 50 °C	1078	20	68
Cable material	PVC 2 x 0.25 mm ²	1039	10	50
Sensor cover	ABS	1000	0	32
Sensor bottom	PC (polycarbonate)	961	-10	14
Enclosure	IP 54	922	-20	-4
Time constant in air	T90 = 3 – 15 min.	882	-30	-22

Electrical connection



Ordering

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

Dimensions

