

PT1000 / 2K Air Temperature Probe

Features

- Combined PT1000/NTC 2K Temperature sensor, eliminates the need to carry two different probe types.
- Nickel-plated brass tube for good thermal conductivity.
- Probe tip housing potted with heat conductive paste for improved thermal conductivity.
- Back filled with epoxy and vacuumed to eliminate air pockets.
- Noryl over-mould to secure the cable and eliminate moisture ingress.
- Unique internal construction using surface mount components inside a plastic sub-frame ensures complete consistency of sensor position inside the tube.
- Sensor element internally de-coupled with 1000pF capacitor.
- 6 meter cable length



Specifications PT1000

Feature	Specification
Nominal resistance	1000 Ohm at 0°C
Tolerance	0.5% DIN EN 60751, class B
Accuracy	+/- 0.5 Degrees Celsius
Meets	DIN EN60751 (according to IEC751)
Temperature Range	-40 0°C to +80 0°C
Temperature coefficient	TCR=3850 ppm/K
Long term stability	max. R0 -drift 0.06% after 1000 h at 130 0°C
Cable	UL 2464, AWG 24, white/red conductors, white sleeve

Specifications 2K

Feature	Specification
Nominal resistance	2000 Ohm at 25°C
Tolerance	+/- 1.0%
B Value	B25/85 3182K +/-1%
Temperature Range	-40 0°C to +80 0°C
Cable	UL 2464, AWG 24, white/blue conductors, white sleeve

Ordering Information

Part Number	Specification	Cable type / Printing
PR0175	PT1000 / 2K 6M Air Probe	White cable
PR0176	PT1000 / 2K 6M Air Probe Box of 5	White cable / numbered 1-5
PR0177	PT1000 / 2K 6M Air Probe Box of 100	White cable / numbered 1-5

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