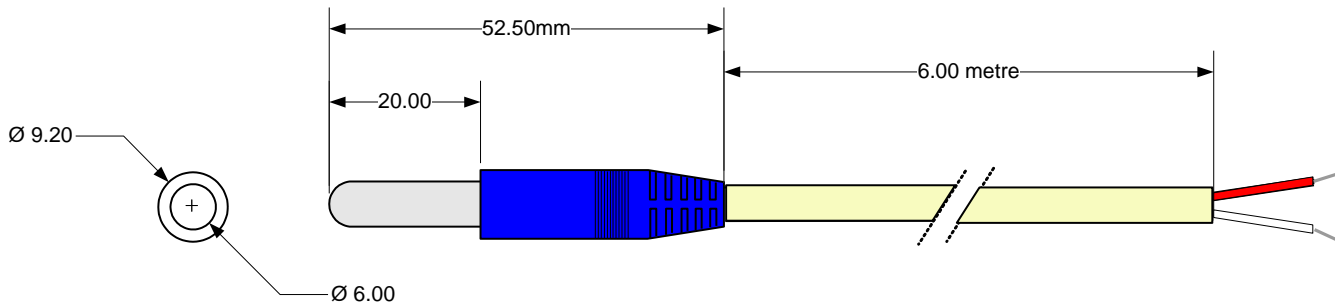


RDM PT1000 Temperature Probe (Part Number: PR017X)

Physical Dimensions

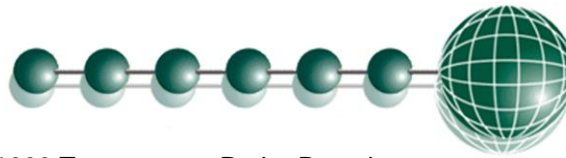


Features

- Unique internal construction using surface mount components inside a plastic sub-frame ensures complete consistency of sensor position inside the tube.
- Probe tip housing potted with heat conductive paste for good thermal conductivity.
- PT1000 element internally de-coupled with 1000pF capacitor.
- Nickel-plated brass tube for good thermal conductivity.
- Back filled with epoxy and vacuumed to eliminate air pockets.
- Noryl over-mould to secure the cable.

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 °C to + 80 °C
Temperature coefficient:	TCR = 3850 ppm/K
Long term stability:	max. R0 -drift 0.06% after 1000 h at 130 °C
Cable:	UL 2464, AWG 24, white/red conductors, white sleeve



PT1000 Temperature Probe Datasheet

Ordering Information

Part Number PR0170 PT1000 6m Air Probe White cable / no printing

Part Number PR0170-1 PT1000 6m Air Probe No1 White cable / black printing (A1)
Part Number PR0170-2 PT1000 6m Air Probe No2 White cable / black printing (A2)
Part Number PR0170-3 PT1000 6m Air Probe No3 White cable / black printing (A3)
Part Number PR0170-4 PT1000 6m Air Probe No4 White cable / black printing (A4)
Part Number PR0170-5 PT1000 6m Air Probe No5 White cable / black printing (A5)

The black text uniquely identifies each probe allowing an engineer to quickly pinpoint a given probe. For example "A1" could be air on probe 1, "A2" could be air off probe 2 etc.

Part Number PR0171 Air Probe 6m (Box of 5 pieces, numbered 1-5)
Part Number PR0171-1 Air Probe 6m (Box of 5 pieces, probe No. 1)
Part Number PR0171-2 Air Probe 6m (Box of 5 pieces, probe No. 2)
Part Number PR0172 Air Probe 6m (Box of 100 pieces, numbered 1-5)
Part Number PR0172-1 Air Probe 6m (Box of 100 pieces, probe No. 1)
Part Number PR0172-2 Air Probe 6m (Box of 100 pieces, probe No. 2)

Part Number PR0173 PT1000 Probe Set (2 Air Probes (1&2), 2 Pipe Probes (3&4))
Part Number PR0174 20 x PT1000 Probe Set (2 Air Probes (1&2), 2 Pipe Probes (3&4))