

- -200°C -300°C Operating Temperature
- 1,000 Ohm @ 0°C, Class A, ± 0.15%
- 0.00385 Ohms/Ohms/°C
- 0.4K/mW at 0°C
- 316 Stainless Steel Probe
- 1,000 Meg-Ohms Isolation at 500V
- Media – Liquid, Air, & Gas
- Kemlon KN-25 Boot Assembly
- Ring Terminal With M4 Hole

DESCRIPTION

The ATS74 RTD sensor is designed for high temperature, harsh environments. The 316 stainless steel housing is impervious to most chemicals and is electrically isolated with a PTFE shrink cover. The 22 AWG PTFE wire is encapsulated in a shielded, PTFE outer layer. The wires are terminated with a ground lug and a boot for a Kemlon pin.

APPLICATIONS

- Industrial Automation
- HVAC
- Semiconductor
- Commercial Ovens
- Engine Controls

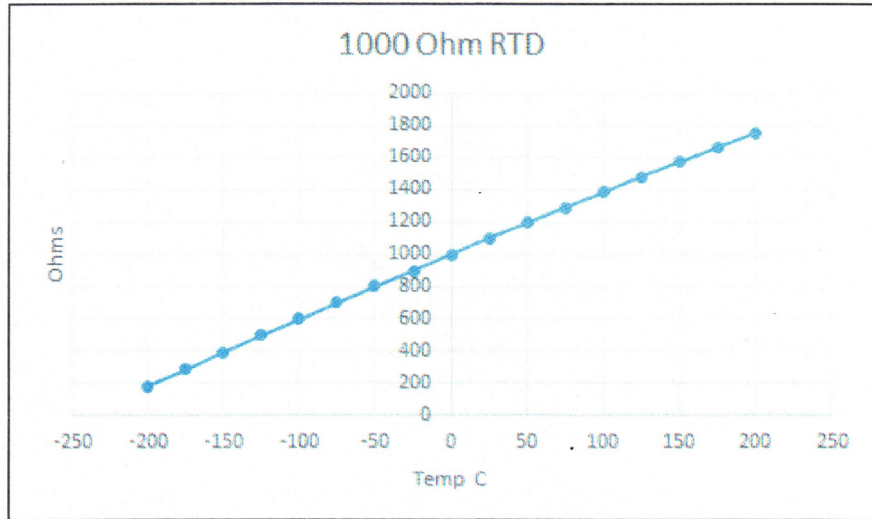
Maximum Environmental Ratings

Operating Temperature -200°C to 300°C

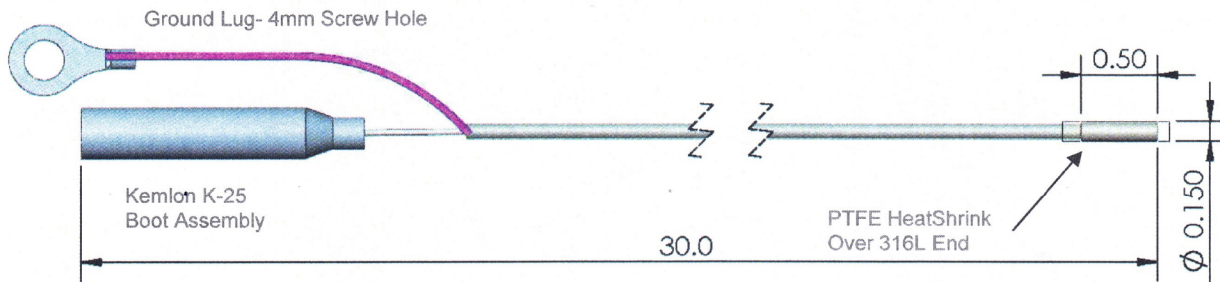
Storage Temperature Range -225°C to 325°C

Resistance vs Temperature Chart

Temp C	Ohms
-200	185
-175	292
-150	397
-125	500
-100	602
-75	703
-50	803
-25	901
0	1000
25	1097
50	1193
75	1289
100	1385
125	1479
150	1573
175	1666
200	1758

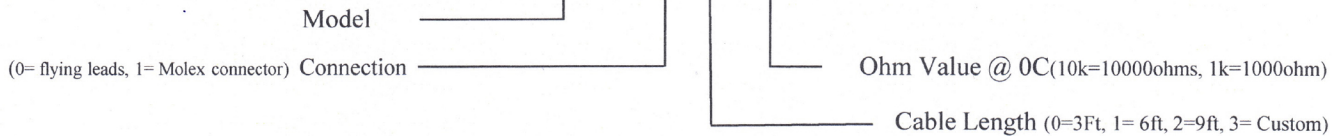


Mechanical Dimensions (inches)



Part Number Configuration

ATS74-0-0-1K



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