



Platinum Temperature Sensor

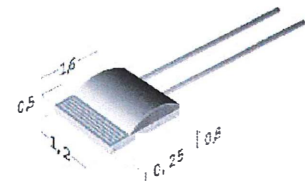
P0K1/ P1K0.161.6W.A.010

1/1



Features

- Fast response time
- Small dimensions
- Excellent long-term stability
- Vibration and temperature shock resistant
- Low self-heating
- Simple interchangeability
- Wide temperature range



Technical Data

Nominal resistance:	100 Ohm at 0°C 1000 Ohm at 0°C
Temperature range:	-200°C - +600°C
Characteristic curve:	3850 ppm/K
Long term stability:	< less than 0.04% @ 1000 hrs. max. temperature
Response time(t 63%):	Water (v=0.4 m/s) 0.08 s Air (v=1m/s) 1.2 s
Self heating:	Water (v=0 m/s) 12 mW/K Air (v=0 m/s) 1.8 mW/K
Dimensions (LxWxH):	161: 1.6 x 1.2 x 0.8 mm (LxWxH)
Tolerance:	DIN EN 60751 F 0,15 (class A)
Contacts:	Pt/Ni-wire, Ø 0.2 mm, 10 mm long
Recommended applied current:	100 Ohm:1mA 1000 Ohm:0.3mA