



P1K0.161.6W.B.010

Platinum sensor with wires

For high temperatures

Benefits & Characteristics

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

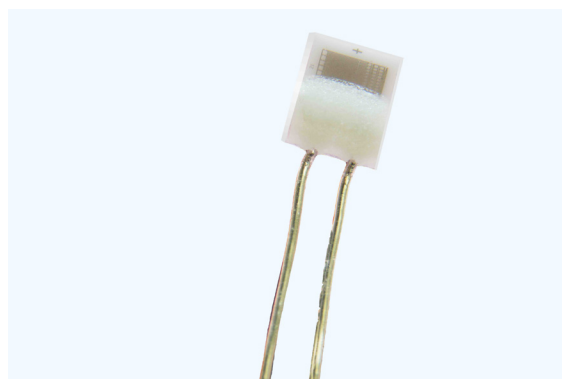
Illustration¹⁾



Technical Data

| | |
|---|---|
| Operating temperature range: | -200 °C to +600 °C |
| Nominal resistance: | 1000 Ω at 0 °C |
| Characteristics curve: | 3850 ppm/K |
| Long-term stability: | < 0.04 % at 1000 h at maximal operating temperature |
| Tolerance class (dependent on temperature range): | IEC 60751 F0.3 B (IST AG reference) |
| Connection: | Pt-cladded Ni-wire, Ø 0.2 mm (solderable, weldable, crimpable, brazeable), 10 mm long |
| Dimensions: | 1.6 x 1.2 x 0.25 / 0.6 |
| Tolerance (chip): | L ±0.2 mm, W ±0.2 mm, H ±0.1 mm, H2 ±0.3 mm |

Product Photo





Order Information

| | | |
|-------------------|--------------|------------------------|
| Description: | Item number: | Former main reference: |
| P1K0.161.6W.B.010 | 100245 | 010.00220 |

Additional Documents

| | |
|-------------------|----------------|
| Application Note: | Document name: |
| | ATP_E |

