



PW0K1.216.7W.A.007

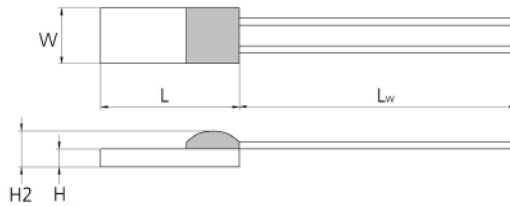
Platinum sensor with wires

For extended operating temperature range in class A

Benefits & Characteristics

- Capable of measuring in class A up to +600 °C
- Increased long-term stability
- Alternative to wire-wound sensors
- Short-term applicable up to +750 °C
- Very stable characteristics curve
- Available with same dimensions as a wire-wound sensor
- Very low hysteresis

Illustration



Technical Data

| | |
|------------------------------|---|
| Operating temperature range: | -200 °C to +600 °C |
| Nominal resistance:* | 100 Ω at 0 °C |
| Characteristics curve:* | 3850 ppm/K |
| Long-term stability: | < 0.04 % at 1000 h at maximal operating temperature |
| Tolerance class:* | IEC 60751 F0.15 A (IST AG reference) |
| Connection:* | Pt-wire, Ø 0.2 mm (solderable, weldable, crimpable, brazeable), 7 mm long |
| Dimensions: | 2.4 x 1.4 x 0.45 / 0.8 |
| Tolerance (chip): | W ±0.2 mm, L ±0.2 mm, H ±0.1 mm, H2 ±0.3 mm |

Product Photo





Order Information

Description:

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Item number:

101700

Additional Documents

Application Note:

Document name:

ATP_E



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