



# PW0K1.216.7W.A.007

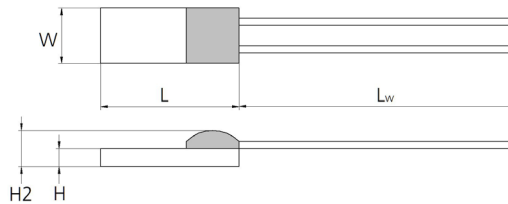
## Platinum sensor with wires

### 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

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Description:	Item number:	Former main reference:
PW0K1.216.7W.A.007	101686	010.03306

## Additional Documents

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	Document name:
Application Note:	ATP_E

