



# P0K1.161.6W.B.010

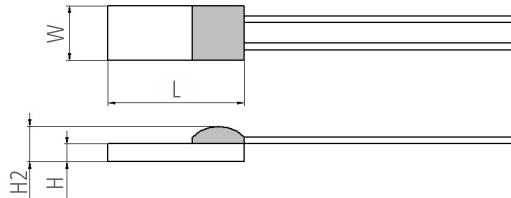
## Platinum sensor with wires

### For high temperatures

#### Benefits & Characteristics

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

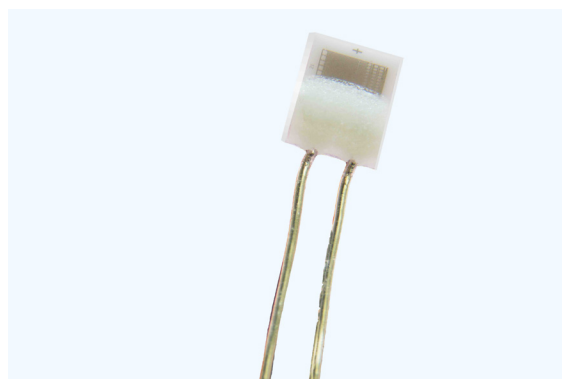
#### Illustration<sup>1)</sup>



#### 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 (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
Special:	ESD-optimized resistor design

#### Product Photo





## Order Information

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Description:	Order code	Former order code
P0K1.161.6W.B.010	154367	100137

## Additional Documents

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	Document name:
Application Note:	ATP_E



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