



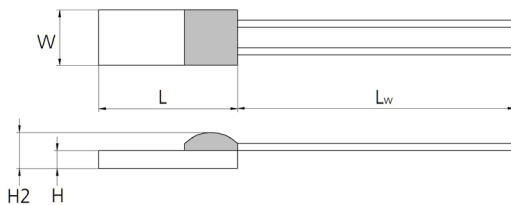
# PW1K0.216.7W.Y.010

## Platinum sensor with wires

### For extended operating temperature range in class Y

#### 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
- ESD optimized



#### 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:*	IEC 60751 F0.1	Y (IST AG reference)
Connection:*	Pt-wire, Ø 0.2 mm (solderable, weldable, crimpable, brazeable), 10 mm long	
Dimensions (L x W x H / H2) in mm:	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	
Special:	ESD optimized design	

#### Order Information

Description:	Order code:
PW1K0.216.7W.Y.010	155861

#### Additional Documents

Application Note:	Document name:
	ATP_E



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