

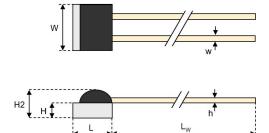
## P1K0.202.3FW.B.007 ESD optimized platinum sensor with wires For low to medium temperatures

## Benefits & Characteristics

- Excellent long-term stability
- Low self-heating

- ESD optimized
- Optimal price/performance ratio

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



## Technical Data

Operating temperature range:	-200 °C to +300 °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:	Ni-flat-wire Au-coated, 0.2 x 0.4 mm (hxw) (solderable, weldable, crimpable), 7 mm long (Lw)	
Dimensions:	2 x 2 x 0.65 / 1.3 (L x W x H / H2 in mm)	
Tolerance (chip):	L ±0.2 mm, W ±0.2 mm,H ±0.1 mm, H2 ±0.3 mm, Lw±1	
Special:	Design is optimized for ESD up to Level 4 according to IEC61000-4-2. The test was done on the sample base for the design optimization. IST AG does not guarantee each individual sensor to reach this level due to the fabrication	

processes.



physical. chemical. biological.



Product Photo	
Order Information	
Description: P1K0.202.3FW.B.007	Order code 155041
Additional Documents	
	Document name:
Application Note:	ATP_E



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