



# P0K1.281.2K.B.150.R.S

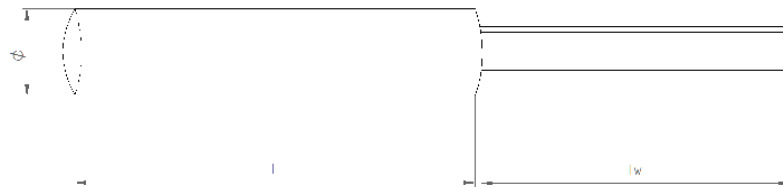
## Platinum sensor with round ceramic housing

### For low temperatures

#### Benefits & Characteristics

- Same dimensions as a traditional wire wound sensor - easy interchangeability into existing applications
- Easy to assemble (boreholes etc.)
- Excellent long-term stability
- Vibration and temperature shock resistant (depending on assembly)
- Fast response time (depending on assembly)
- Low self-heating

#### Illustration



#### Technical Data

Operating temperature range:	-50 °C to +200 °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:*	Cu/Ag Stranded wire, AWG26, PTFE insulated, 150 mm long, ends 4 mm stripped	
Recommended applied current: <sup>2)</sup>	1 mA at 100 Ω	
<sup>2)</sup> Self-heating must be considered		
Dimensions:	2.8 x 13.0	
Tolerance (chip):	Ø ±0.2 mm, L ±1 mm, L <sub>w</sub> (up to 30 mm) ±1 mm	

#### Product Photo





## Order Information

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Description:	Item number:	Former main reference:
POK1.281.2K.B.150.R.S	100481	010.00796

## Additional Documents

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Application Note:	Document name:
	ATP_E



Innovative Sensor Technology IST AG, Stegrütistrasse 14, 9642 Ebnat-Kappel, Switzerland  
Phone: +41 71 992 01 00 | Fax: +41 71 992 01 99 | Email: [info@ist-ag.com](mailto:info@ist-ag.com) | [www.ist-ag.com](http://www.ist-ag.com)

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