



P0K1.161.6W.Y.010

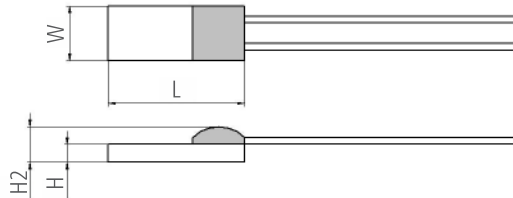
Platinum sensor with wires

For high temperatures

Benefits & Characteristics

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

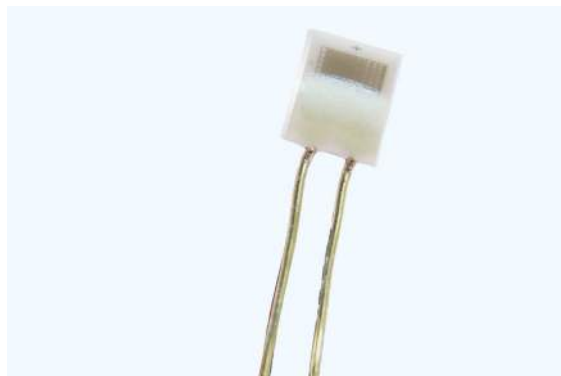
Illustration¹⁾



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 F0.1	Y (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	

Product Photo





Order Information

Description:	Item number:	Former main reference:
P0K1.161.6W.Y.010	100139	010.00066

Additional Documents

	Document name:
Application Note:	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 | www.ist-ag.com

All mechanical dimensions are valid at 25 °C ambient temperature, if not differently indicated • All data except the mechanical dimensions only have information purposes and are not to be understood as assured characteristics • Technical changes without previous announcement as well as mistakes reserved • The information on this data sheet was examined carefully and will be accepted as correct; No liability in case of mistakes • Load with extreme values during a longer period can affect the reliability • The material contained herein may not be reproduced, adapted, merged, translated, stored, or used without the prior written consent of the copyright owner • Typing errors and mistakes reserved • Product specifications are subject to change without notice • All rights reserved

P0K1.161.6W.Y.010