



PW0K1.216.7W.A.007

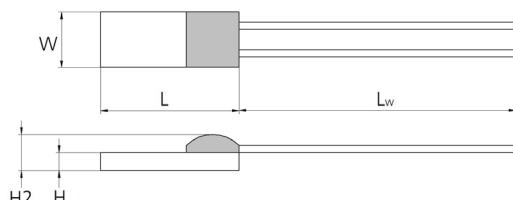
Platinum sensor with wires

For extended operating temperature range in class A

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

Illustration



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:*	IEC 60751 F0.15
Connection:*	Pt-wire, Ø 0.2 mm (solderable, weldable, crimpable, brazeable), 7 mm long
Dimensions:	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

Product Photo





Order Information

Description:	Item number:	Former main reference:
PW0K1.216.7W.A.007	101686	010.03306

Additional Documents

Application Note:	Document name:
	ATP_E



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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

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