

Pt100 Sensor Element

PT100

Introduction

Pt100 sensor element as a component.

Technical Specifications

Measurement

Measuring principle	RTD
Temperature sensor	Pt100, Class B / Pt100, Class AA (depending on article)
Temperature range	-70...+500 °C / -50...+500 °C / -196...+500 °C (depending on article)

Enclosure

Dimensions	3.9 mm x 1.5 mm x 0.9 mm / 2 mm x 2.3 mm x 0.6 mm / 2.5 mm x 2 mm x 1.3 mm / 2 mm x 5 mm x 0.9 mm / 1 mm x 3 mm x 0.6 mm (depending on article)
Housing features	Ceramic plate; Connection PtNi D = 0,2 mm, L = 10 mm / Ceramic plate (depending on article)

Available product variants

Ordercode	Description	Article No.
PT100-OG	PT100-OG - Ceramic plate, 3.9 x 1.5 x 0.9 mm, connection PtNi D = 0,2 mm, L = 10 mm, tolerance: B.	474964
PT100-1-1000	PT100-1-1000 - Ceramic plate, 2 x 2.3 x 0.6 mm, tolerance: B, 1000 pcs.	484472
PT100-1	PT100-1 - Ceramic plate, 2 x 2.3 x 0.6 mm, tolerance: B.	602989
PT100-2	PT100-2 - Ceramic plate, 2.5 x 2 x 1.3 mm, tolerance: 1/3 DIN.	602990
PT100-3	PT100-3 - Ceramic plate, 2 x 5 x 0.9 mm, tolerance: B.	602991
PT100-6	PT100-6 - Ceramic plate, 1 x 3 x 0.6 mm, tolerance: B.	602995