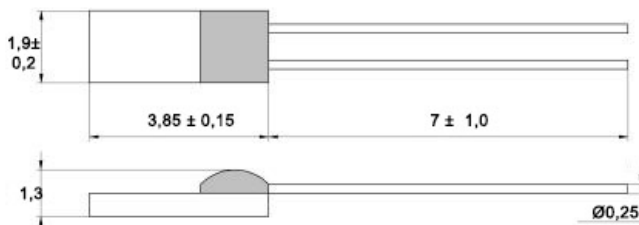


DATA SHEET



Wired RTD Pt200 Platinum sensor for extremely high temperature applications

Dimensions



This Wire RTD Platinum Sensor is designed for long-term stability, high accuracy over a large temperature range and continuous compatibility. Typical applications are Automotive, Energy management and environment engineering.

Applications

Monitoring of critical temperatures or the control of processes
Exhaust treatment
Engine oil condition
applications for the protection of vehicle components

Technical Data

Type:	Wired RTD Platinum Sensor
Operating temperature range:	-60°C...+1000°C
Nominal resistance :	-200 Ohm @ 0°C
Characteristics curve:	3770 ppm / K
Tolerance class (dependent on temperature range):	-40°C...+300°C +/-3°K -300°C...+850°C +/- 1%
Applied current:	Max. 2,8 mA @ 850°C (<i>self-heating must be considered</i>)
Dimensions:	L3,85 x B1,9 x H0,75 mm
Wire (solderable, weldable, crimpable)	Pt-Draht, ø0,25 mm
Lead length:	7 mm
Article number	0364 0124

Benefits and Characteristics

- excellent long-term stability
- low self-heating
- vibration and temperature resistant
- fast response time
- simple interchange ability
- small dimensions