General-Purpose
Platinum RTD
Temperature
Sensor Type W-EYK6

Platinum RTD element encapsulated in stainless housing with ceramic cement.

Applications
• Heating, ventilating, and air-conditioning
• Data logging
• Laboratory instrumentation
• Oven temperature
• Hi-temp temperature sensing

Features
• Corrosion–resistant stainless steel protective housing
• High-temperature fiberglass-insulated connection wires
• Widely used for a variety of temperature-sensing applications
• Available in Pt100 or Pt1000 resistance values
• +500°C maximum operating temperature
General-Purpose Platinum RTD Temperature Sensor Type W-EYK6 Specifications

Specifications

Operating Temperature Range
-40°C to +500°C

Connection wire
Fiberglass-insulated twisted pair,
2x0.22mm² (24AWG), 300mm long

Temperature sensing element
Platinum RTD, Pt100 or Pt1000, as per
DIN EN 60751; F0.1 from 0°C to +100°C

Housing
Closed end tube, stainless steel
1.4571 (316Ti)

Wire resistance
0.04Ω/ft. (0.134Ω/m) for each conductor
General-Purpose Platinum RTD Temperature Sensor Type W-EYK6

Options

- Wire length
- Resistance value
- Connectors

Ordering Code for Standard Product

Pt100 : 30500109
Pt1000 : 31500989

Resistance vs Temperature Table


Contact Information

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