

W-SZK, Pt Surface Temperature Sensor according to DIN EN 60751

Temperature range -20 °C to +110 °C

- Platinum sensor enclosed in PPE plastic housing
- Easy mounting via thru hole on housing
- Abrasion-resistant jacketed cable
- Versatile, easy to use design
- Largely resistant to greases, organic and inorganic bases and alkalis (medium concentration)

The Pt- RTD element is fully enclosed in a molded polypropylene housing, integrated thru-hole allows for easy mounting via a screw, rivet, etc. and is particularly suitable for surface measurements. Preferred applications include temperature measurement in gaseous media as well as in heating and air conditioning technology.

Nominal Resistance R ₀ [Ω]	Tolerance Class	Order Number
Pt100	F 0.3 / Class B	31600393
Pt1000	F 0.3 / Class B	30504002

Temperature and Tolerance Range

Tolerance Class F 0.3 / B -20 °C to +110 °C

Temperature Coefficient

TCR = 3850 ppm/K

Connection Wire

PVC jacket, PVC primary insulation
2x0.22 mm² (24 AWG) X 2.5 m long
Color: Black

Housing

Molded fiber - reinforced polypropylene
Color: Black

Applications

- HVAC
- Data Logging
- General purpose temperature sensing



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W-SZK, Pt Surface Temperature Sensor according to DIN EN 60751

Temperature range -20 °C to +110 °C

Features

- Rugged molded polypropylene housing
- Abrasion-resistant jacketed cable
- Versatile, multi purpose design
- Available in Pt 100 or Pt 1000 resistance values
- +110 °C maximum operating temperature

Options

- Wire length
- Resistance Value
- Connectors

Resistance vs Temperature Table

Reference table @ www.herae.us/technical-information

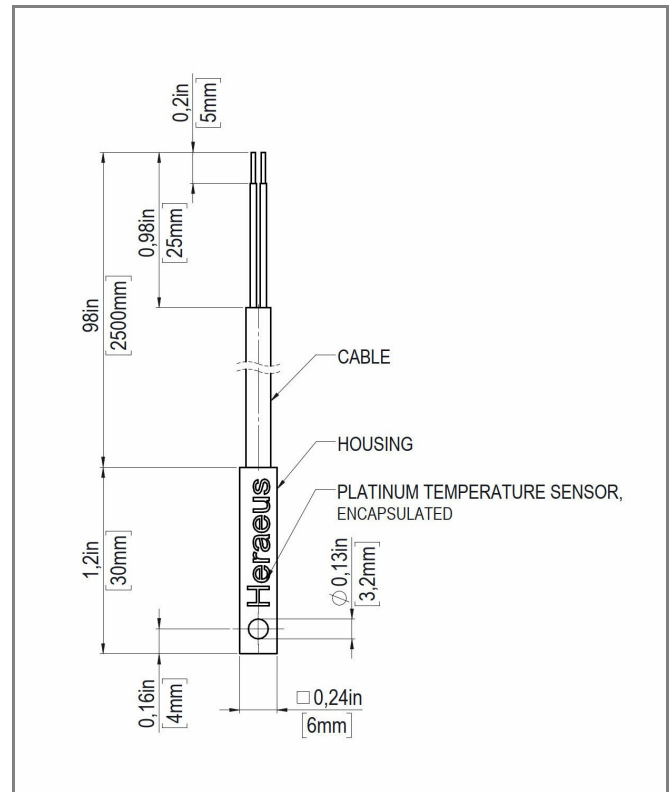


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