

Features

- Fast response time
- Range of use -50°C to $+250^{\circ}\text{C}$
- Vibration resistant
- 2 wire configurations
- 500mm extended lead lengths
- Suitable for air, surface & immersion applications

RS PRO Pt1000 Platinum Resistance Thin Film Detector with extended leads, 500mm Class B

RS Stock No.: 891-9157



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

Suitable for air, surface & immersion applications (Suitable only in dry, non-contaminating atmospheres where unprotected. Suitable protection /sheathing required for immersion into fluids, corrosive substances, processes etc.)

General Specifications

General Description	Platinum Resistance Detectors with extended leads, Thin Film
Sensor Type	Platinum Resistance, Pt1000
Element	Thin Film - Pt1000 Ohm
Cable Type	Teflon® insulated, stranded conductors
Cable Termination	Bare Tails
Tolerance	Class B
Standards Met	European / British Standard Conforms to IEC 60751:2008 / BS EN 60751:2008
Extended lead wire configuration	2 wire
General Description	Platinum Resistance Detectors with extended leads, Thin Film

Mechanical Specifications

Cable Length	500mm
Detector Dimensions	2 x 10mm (Width x length)

Operation Environment Specifications

Max. Temperature	+250°C
Min. Temperature	-50°C
Fundamental interval	(0°C to 100°C): 38.5 ohms nominal (100 ohms)
Ice point resistance	1000 Ohms

Approvals

Standards Met	European / British Standard Conforms to IEC 60751:2008 / BS EN 60751:2008
RoHS Compliant	Yes

Ordering Information

Resistance	Detector Dimensions (Diameter x length)	Tolerance Class	Number of Wires	Lead Length/Gauge	RS Stock#
Pt100	2 x 10mm	Class B	2	300mm / 24AWG	891-9132
Pt100	2 x 10mm	Class B	2	500mm / 24AWG	891-9135
Pt100	2 x 10mm	Class B	2	1000mm / 24AWG	891-9139
Pt100	2 x 10mm	Class A	4	300mm / 26AWG	891-9148
Pt100	2 x 10mm	Class A	4	500mm / 26AWG	891-9141
Pt100	2 x 10mm	Class A	4	1000mm / 26AWG	891-9145
Pt1000	2 x 10mm	Class B	2	300mm / 24AWG	891-9154
<i>Pt1000</i>	<i>2 x 10mm</i>	<i>Class B</i>	2	<i>500mm / 24AWG</i>	<i>891-9157</i>
Pt1000	2 x 10mm	Class B	2	1000mm / 24AWG	891-9151

