# Sense RTD Spade Sensors



RTD1-S02L06-01

#### **Overview**

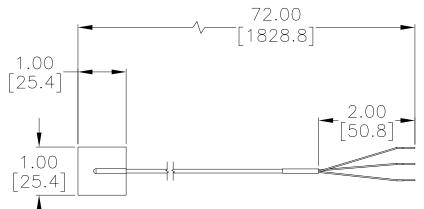
- Ideal for surface temperature measurement.
- 100 ohm platinum RTD 3-wire element sealed in epoxy between two layers of polyimide tapé.
- Class A accuracy
- Provided with an adhesive backing for easy attachment to many surfaces.
- Can be formed and secured to the outside of various size tubes, pipes, or nozzles.
- · 6-foot lead wires with stainless steel overbraid.
- Made in the USA

RTD Spade Sensors								
Part Number	Pcs/Pkg	Wt (lb)	Price	Туре	Spade Material	Temperature Sensing Range		
<u>RTD1-S02L06-01</u>	1	0.25	\$55.00	PT 100, 3-wire	Polyimide w/ adhesive back	-40 to 204°C (-40 to 400°F)		

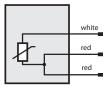
Technical Specifications					
Sensing Element	Single 100 $\Omega$ platinum (Pt 100), 3-wire; TCR = 0.00385 $\Omega/\Omega/^{\circ}$ C				
Initial Accuracy	Class A ±[0.15 +0.002  t ] °C				
Response Time	7 seconds, 63% of a 25 to 77°C step change (ASTM E1137)				
Wiring	6 foot stranded 24 AWG wire leads with stripped ends, Kapton insulation and stainless steel overbraid				

## **Dimensions**

inches [mm]



## Wiring Information



#### **Accessories**

Part No.	Description	Pcs/Pkg	Price
	RTD 3-pin connector, standard round pin plug, maximum continuous temperature 400°F (200°C), white body, copper pins, 14 AWG maximum (2.0 mm) wire size	1	\$9.25
	RTD 3-pin connector, standard round pin jack, maximum continuous temperature 400°F (200°C), white body, copper pins, 14 AWG maximum (2.0 mm) wire size	1	\$12.00
WCB-S	Wire / cable clamp bracket for use with standard thermocouple and RTD connectors	4	\$12.00

Note: Full listing of accessories and dimension information available at the end of this section. RTD extension lead wire available at www.automationdirect.com