

Wall-Mount Explosionproof Temperature Sensors

At last!

An explosionproof sensor suitable for wall mounting

- ◆ UL listed and CSA approved for Class I, Groups C & D; Class II, Groups E, F, and G; Class III
- ◆ Install in paint booths, chemical storage rooms, petroleum facilities—anywhere flammable atmospheres present a danger
- ◆ Available as 100 Ω platinum RTD, 1000 Ω platinum RTD, 10K Ω thermistor, and 2252 Ω thermistor
- ◆ Compact, unobtrusive design
- ◆ Compatible with standard conduit fittings
- ◆ Explosionproof 4 to 20 mA transmitters available for remote mounting



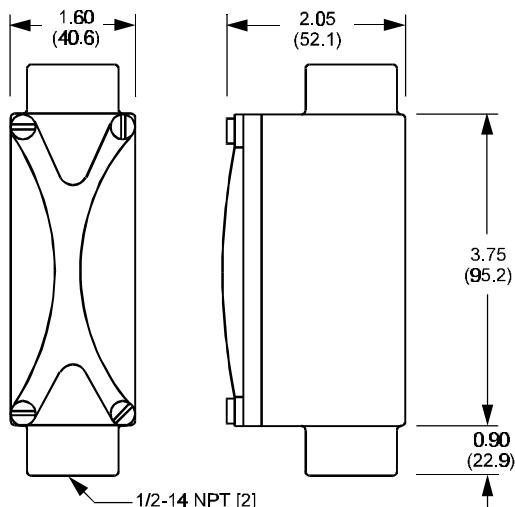
Specifications

Temperature range: -45.5 to 100°C (-50 to 212°F).

Material: Copper free aluminum enclosure.

Leads: AWG 26, length 6" (150 mm) inside cover.

Dimensions in inches (millimeters):



Standard models

Model	Element	
RTD's		TCR ($\Omega/\Omega/^{\circ}\text{C}$)
S100147PD	Platinum, 100 $\Omega \pm 0.12\%$ at 0°C	0.00385
S100148PF	Platinum, 1000 $\Omega \pm 0.12\%$ at 0°C	0.00385
Thermistors		R₂₅/R₁₂₅
TS100149TA	2,252 $\Omega \pm 1\%$ at 25°C	29.2
TS100150TB	10,000 $\Omega \pm 1\%$ at 25°C	23.5

How to order

S100147PD	Model number from table above
Y	Number of leads:
	Y = 2 leads
	Z = 3 leads
S100147PDY	← Sample part number

Need more information? Call our HVAC Marketing Specialist at 612-586-2939.

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