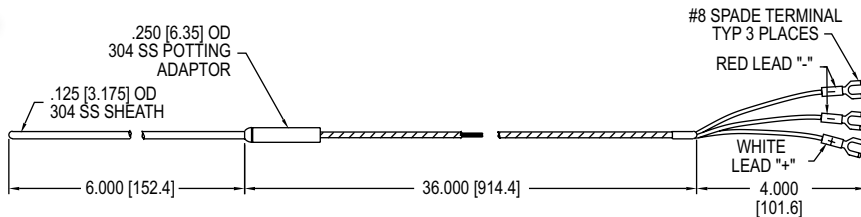


SERIES RTD

RESISTANCE TEMPERATURE DETECTOR

High Temperature, Mineral Insulated, 304 Stainless Steel Sheath



Precision **Series RTD Resistance Temperature Detector** offers excellent accuracy and stability over a wide temperature range. Industry standard 3-wire 100 Ω (DIN) probes are available in 6" (15 cm), 12" (30.5 cm), or 18" (46 cm) sheath lengths with 30" (76 cm) extension cable and spade lug terminals.

BENEFITS/FEATURES

- Long product life cycle from durable 304 SS sheath
- Variable installation environments due to the mineral insulated cable

APPLICATIONS

Air ducts, bearing temperature, oil temperature indicator, soldering equipment, ovens, environmental test chambers, pharmaceutical mfg., food processing, plastic molding, petroleum and chemical processing, electric generating plants, etc.

SPECIFICATIONS

Sensor Type: Wire wound, 100 Ω .
Temperature Range: -328 to 1202°F (-200 to 650°C).
Pressure Limits: 250 psig (17.2 bar).
Probe Material: 304 SS.
Extension Length: 30" (76 cm).
Element Standard: DIN .00385 (Class B, 0.12%).

MODEL CHART

Model	Length	Diameter
RTD-686	6" (15 cm)	1/8"
RTD-646	6" (15 cm)	1/4"