

RBF-HT

RTD Heat Trace Sensors

- RTD for Heat Trace Applications
- -58°F (-50°C) to 392°F (200°C)
Temperature Range
- 316 Stainless Steel Sheath
- 100 ohm RTD, ≈ 0.00385 ohms/°C
- $\pm 1^\circ\text{F}$ (0.5°C) Accuracy at 32°F
(0°C)
- 1/2" (12.7mm) Conduit Fitting
(Optional)
- Available in 3', 10', 50' Lengths
- SS Flex Armor Outer Shield
(Optional)
- 3" L x 3/16" D Probe



Description

The Chromalox RTD-HT sensors are used for measuring the surface temperature of process piping that is carrying products whose temperature must be controlled to prevent freeze-up, or to maintain viscosity level so that the inner medium will flow. The RTD sensor element is made up with a 316 SS sheath and can be installed directly to a controller or junction box using the optional 1/2" conduit fitting.

Ordering Information

Model	Description	PCN	Stock Status
RBF-HT-3-FA-CF	3' (0.3 m) Flexible Armor, 1/2" (12.7 mm) Conduit Fitting, 18" (457 mm) leads	399031	ST
RBF-HT-10-FA-CF	10' (3 m) Flexible Armor, 1/2" (12.7 mm) Conduit Fitting, 18" (457 mm) leads	399040	ST
RBF-HT-50-FA-CF	50' (15.2 m) Flexible Armor, 1/2" (12.7 mm) Conduit Fitting, 18" (457 mm) leads	399058	ST
RBF-HT-3	3' (0.3 m) FEP Insulation, 2" (50.8 mm) leads	399066	ST
RBF-HT-10	10' (3 m) FEP Insulation, 2" (50.8 mm) leads	399074	ST
RBF-HT-50	50' (15.2 m) FEP Insulation, 2" (50.8 mm) leads	399082	ST