

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, =.00385 ohms/°C
- ±1°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 RBF-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 |