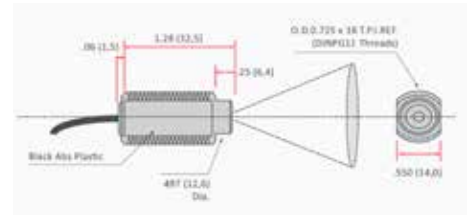


Product Overview

TheIRt/c.03

- Features
- Infrared Thermocouple IRT/c
- Non-contact
- Self-powered
- Intrinsically Safe
- Repeatability 0,01°C (0.02°F)
- Interchangeability ±1%
- Resolution approx. 0,0001°C (0.0002°F)
- Small Size



Technical Data

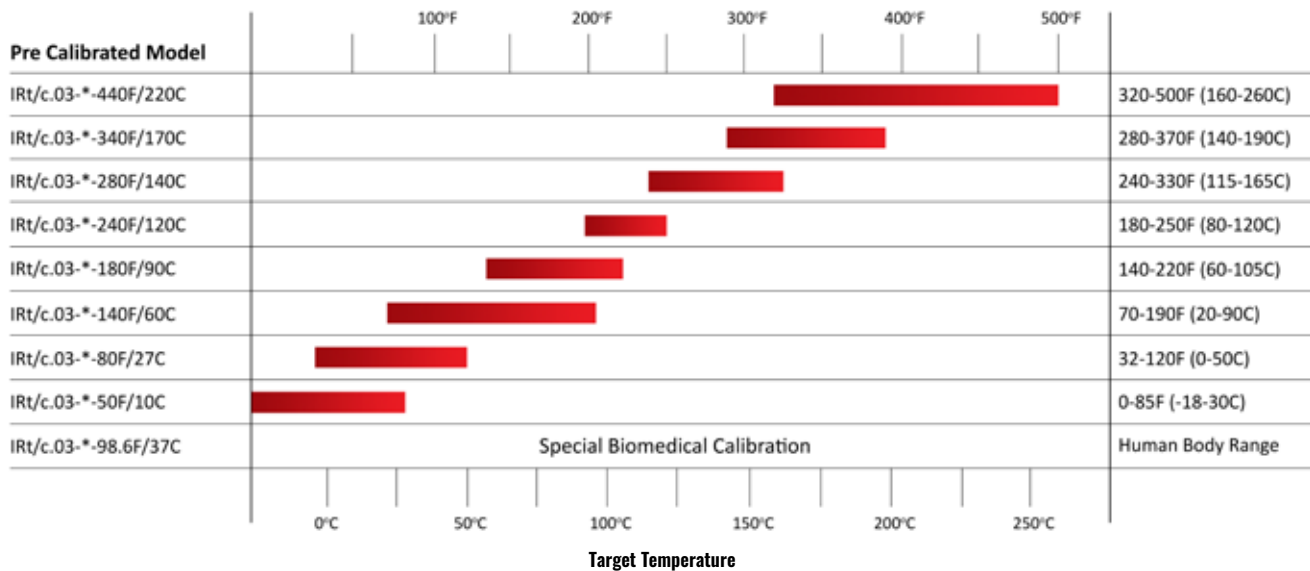
| | |
|----------------------------------|---|
| Sensing Range | -45 to 290°C (-50 to 550°F) |
| Ambient Temperature Range | -18 to 70°C (0 to 160°F) |
| Optimum Range Selections | Eight models per t/c type (see Temperature Selection Chart) |
| Field of View | approximately 17° (3:1) |
| Minimum Spot Size | 6 mm (.25") |
| Spectral Response | 6,5 to 14,μm |
| Output Impedance | 4 to 8 Kohms approx |

| | |
|----------------------|--|
| Response Time | 100 Milliseconds |
| Dimensions | 32,5 x 20 mm Dia. (1.28" x .71") |
| Housing | High strength ABS, hermetically sealed, exceeds NEMA 4,4X; IP65, 67, intrinsically safe. Two locknuts supplied |
| Cable | Thermocouple extension grade, PVC jacket, unshielded, 0,9 m (3") |
| Weight | 40g (1.4 oz.) with cable |

Calibration

Ordering information IRT/c.03-* (Thermocouple Type) - (Pre-calibrated Temperature Range). Thermocouple type J,K,E,T over temperature range specified.

Temperature Selection Chart



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