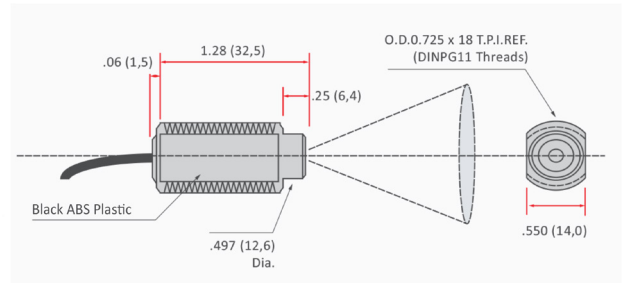


IRT/C.03

Product Overview

The IRT/c.03 features:

- Infrared Thermocouple IRT/c
- Non-contact
- Self-powered
- Intrinsically Safe
- Repeatability 0.02°F (0.01°C)
- Interchangeability ±1%
- Resolution approx. 0.0001°C
- Small Size



Technical Data

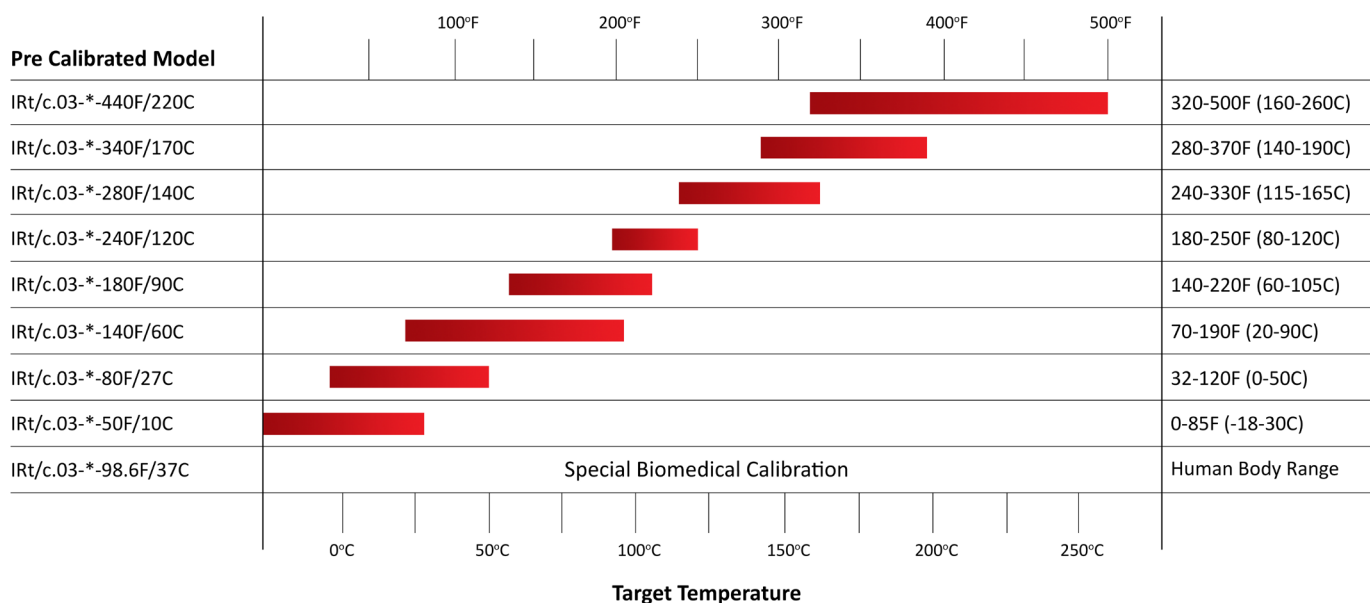
| | |
|---------------------------|---|
| Sensing Range | -50 to 550°F (-45 to 290°C) |
| Ambient Temperature Range | 0 to 160°F (-18 to 70°C) |
| Optimum Range Selections | Eight models per t/c type (see Temperature Selection Chart) |
| Field of View | approximately 3:1 (17°) |
| Minimum Spot Size | .25" (6mm) |
| Spectral Response | 6.5 to 14μm |
| Output Impedance | 4 to 8 Kohms approx |

| | |
|---------------|--|
| Response Time | 100 Milliseconds |
| Dimensions | 1.28" x .71" Dia. (32.5 x 20mm) |
| Housing | High strength ABS, hermetically sealed, exceeds NEMA 4,4X; IP65, 67, intrinsically safe. Two locknuts supplied |
| Cable | Thermocouple extension grade, PVC jacket, unshielded, 3' (0.9 m) |
| Weight | 1.4oz. (40 grams) 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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Specifications subject to change without notice

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