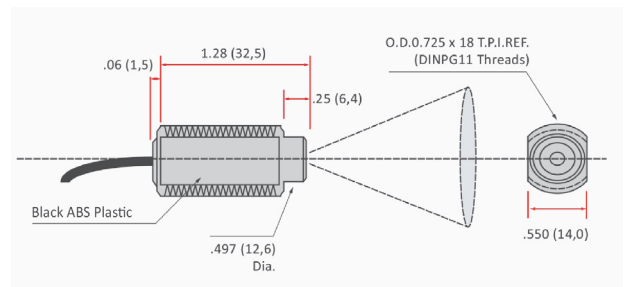


### IRT/C.01

#### Product Overview

The IRT/c.01 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

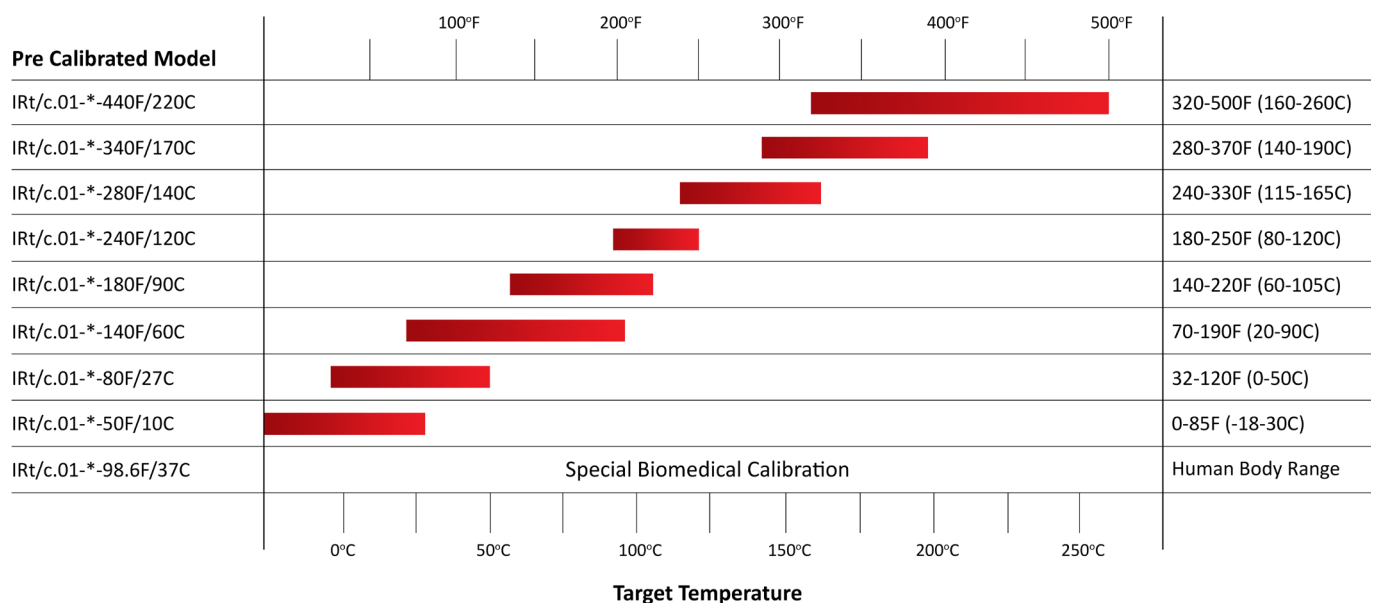
Sensing Range	-50 to 550°F (-45 to 290°C)
Ambient Temperature Range	0 to 160°F (-18 to 70°C)
Optimum Range Selections	Eight models per t/c type (see Temperature Selection Chart)
Field of View	approximately 1:1 (60°)
Minimum Spot Size	.3" (8mm)
Spectral Response	6.5 to 14μm
Output Impedance	3 Kohms approx

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.01-\*** (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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