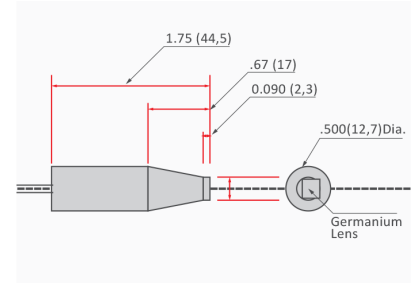


IRT/C.2G

Product Overview

The IRT/c.2G 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



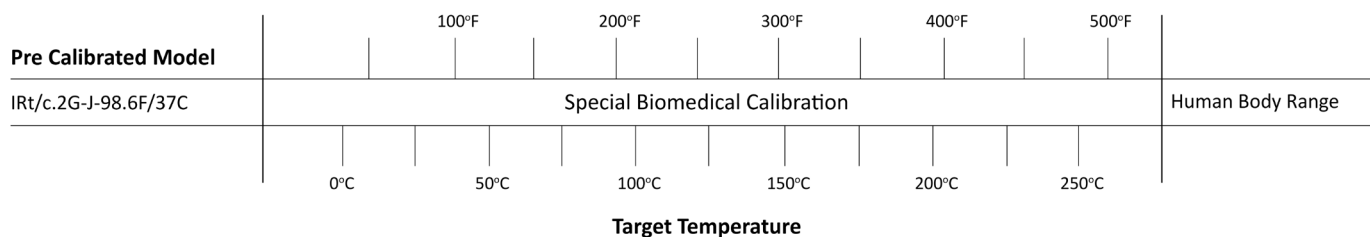
Technical Data

Sensing Range	-50 to 1200°F (-45 to 650°C)	Response Time	100 Milliseconds
Ambient Temperature Range	0 to 160°F (-10 to 70°C)	Dimensions	1.75" x 0.50" Dia. (44 x 12.7mm)
Optimum Range Selection	32 to 122°F (0 to 50 °C) (Human body range)	Housing	Stainless steel, hermetically sealed, exceeds NEMA 4,4X; IP65, 67, intrinsically safe, cable shield grounded to housing and electrically isolated from signal
Field of View	approximately 1:1 (60°)	Cable	Twisted shielded pair of base thermocouple material (J), 3ft (.9m) std length, Teflon sheathed, rated to 392°F (200°C) continuous service
Minimum Spot Size	.16" (4mm)	Weight	1.4oz. (40 grams) with cable
Spectral Response	2 to 20μm		
Output Impedance	10 Kohms approx		

Calibration

Ordering information **IRT/c.2G-J-98.6F/37C**

Temperature Selection Chart



For other temperature ranges please contact Exergen Global

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Specifications subject to change without notice

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