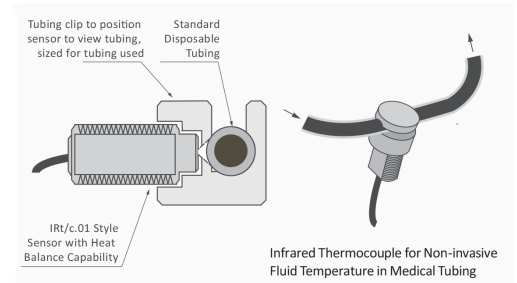


IRT/C.01HB

Product Overview

The IRT/c.01HB 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 Selection	32 to 122°F (0 to 50°C) (Human body range)
Field of View	approximately 1:1 (60°)
Minimum Spot Size	.3" (8mm)
Spectral Response	6.5 to 14µm
Tubing Size Range	0.3 to 1.0" (8 to 25mm) O.D.

Output Impedance	3 Kohms approx
Response Time	100 Milliseconds
Dimensions	2.0" x 1.0" Dia. (51 x 25mm)
Housing	High strength ABS, hermetically sealed, exceeds NEMA 4,4X; IP65, 67, intrinsically safe
Cable	Thermocouple extension grade, PVC jacket, unshielded
Weight	1.4oz. (40 grams) with cable

Calibration

Custom specific calibration depending on application and tubing properties. Please contact Exergen Global for more information.

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Specifications subject to change without notice

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