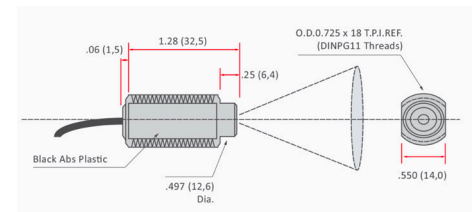


## IRT/C.03

### 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

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

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

### Calibration

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

Temperature Selection Chart

