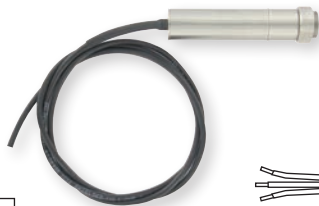
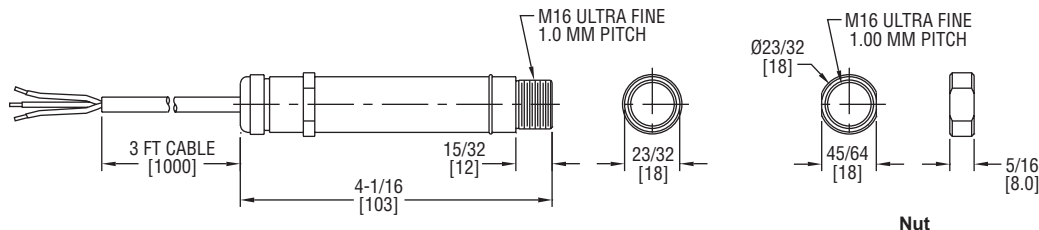


IN-LINE IR SENSOR

15:1 Distance-to-Target Ratio, 32 to 932°F



Scan here
to watch
product video



The **SERIES ILA** Non-Contact Sensors, measure temperatures from 32 to 932°F (0 to 500°C) and provide a linear 4 to 20 mA or thermocouple output. The 2-wire signal is compatible with almost any indicator, controller, recorder, data logger, etc., without the need for special interfacing or signal conditioning. They are suitable for most materials such as food, paper, textiles, plastics, leather, tobacco, pharmaceuticals, chemicals, rubber, coal, and asphalt.

FEATURES/BENEFITS

- Non-contact temperature measurement
- J type or 4 to 20 mA output signals

APPLICATIONS

- Industrial processes where non-contact temperature measurement is preferred

MODEL CHART

| Model | Output |
|-------|----------------|
| ILA10 | J thermocouple |
| ILA20 | 4 to 20 mA |

SPECIFICATIONS

Temperature Range: 32 to 932°F (0 to 500°C).

Accuracy: 1% of reading or 1°C whichever is greater.

Emissivity: 0.95 (fixed).

Distance to Target Size Ratio: 15:1.

Response Time: 240 ms.

Temperature Limits: Ambient: 32 to 158°F (0 to 70°C).

Power Requirement: 24 VDC.

Repeatability: 0.5% of reading or 0.5°C whichever is greater.

Outputs: 4 to 20 mA, J type thermocouple.

Cable Length: 3.3' (1 m).

Spectral Response: 8 to 14 microns.

Housing: SS.

Weight: 3.35 oz (95 g).

Agency Approvals: CE.