

Universal Heat Flux Sensors, F

Order-No: C01-100-xxx Series/Model:



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Universal Heat Flux Sensors for Industry, Laboratory and Research

Main Product Features

- **Direct Heat Flux Readout**
- **Measures Bidirectional Heat Flow**
- **Sensitivity unaffected by Vacuum**
- **Self-generating Output - requires no Amplifier no Power Supply or Reference Junction**
- **Easy to install - stick (glue) on or screw on**

The wafer thin heat flow sensor is sensitive to heat passing through it. Consequently, it responds to all three modes of heat fluxes: heat conduction, heat radiation and heat convection, or in combinations. The majority of its uses consists of recording heat energy entering or leaving a surface of a wall or body.

Each side of the sensor has the same nominal sensitivity. i.e., it is bidirectional. Its self-generating millivolt output, which is proportional to heat flow, can be used to measure and/or control. The models with integral thermocouple are designed to measure both heat flux and temperature.

Applications:

- Green Roof and Soil
- Insulation Evaluation of Roofs, Walls ect.
- Submarines and Vessels
- Biomedical
- Pipes and Ducts
- Refineries and Reactors

- Aero-Space



[Universal Heat Flow Sensors, F \(374.7 KiB\)](#)



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