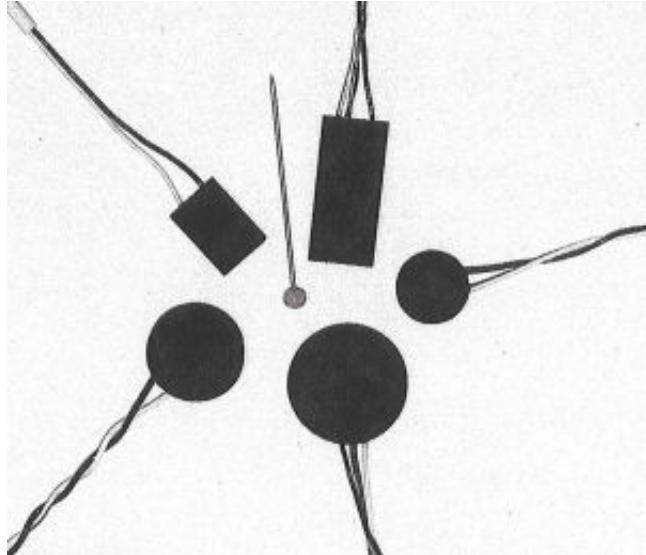


Miniature Heat Flux Sensors, FM and FRM

Order-No: C01-300-xxx Series/Model:



[Click to enlarge](#)

Miniatuer Heat Flux Sensors for Industry, Laboratory and Research

Main Product Features

- rugged construction
- Small - fits in tight spaces
- Unaffected by vacuum
- Self-generating mV Output
- Simple to install
- Measures Bi-directional Heat Flow
- Waterproof
- Measures Heat Flux and Temperature
- Sensitive to conduction, Radiation and convection

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:

- Soil/Agriculture
- Medicine
- Power Plants
- Aerospace
- Submarine/Oceanology
- Insulation Evaluation
- Pipes & Ducts
- Refineries
- Laboratories a.s.o.

 [Miniature Heat Flux Sensors,FM and FRM \(712.6 KiB\)](#)



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