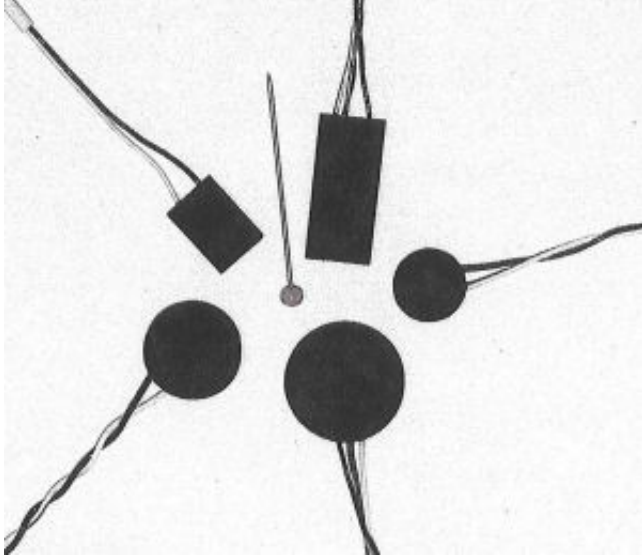


# Miniature Heat Flux Sensors, FM and FRM

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



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## Miniatur 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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