

Overview of universal Heat Flux Sensors Series HFxxx

Universal Heat Flux Sensor in angular and round design 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**

The heat flow (Φ) through the sensor creates a small temperature gradient that is proportional to the heat flow.

The temperature gradient perpendicular to the sensor surface generates an equivalent voltage.

The heat flow readout of the sensor is the voltage multiplied with the calibration constant of the sensor.

Applications:

- Green Roof and Soil
- Insulation evaluation of Roofs, Walls ect.
- Submarines and Vessels
- Biomedical research
- Laboratory & Classrooms
- Development and optimization of insulation materials

Angular Heat Flux Sensors Series HFSxx

Round Heat Flux Sensors Series HFRxx



More information ⇒

- [Heat Flux Sensor 10x10mm Model HFSM10](#)
- [Heat Flux Sensor 16x16mm Model HFSM16](#)
- [Heat Flux Sensors 20x20mm Model HFS20](#)
- [Heat Flux Sensor 35x35mm Model HFS35](#)
- [Heat Flux Sensor 50x50mm Model HFS50](#)



More information ⇒

- [Heat Flux Sensor 10x10mm Model HFRM10](#)
- [Heat Flux Sensor 16x16mm Model HFRM16](#)
- [Heat Flux Sensors 25x25mm Model HFR25](#)

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If you have questions please don't hesitate to contact us any time.

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