

Heat Flux Sensor, 25,4mm, FR-025

Order-No: C01-480-xxx Series/Model:



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Heat Flux Sensor without Thermistor / Thermocouple

Main Product Features

- **1 (25,4mm) Diameter Disk**
- **Sensitivity, nominal 17 (BTU/ft² Hr.) or 54 (W/m²)/mV**
- **Temperature Range -22°F to +300°F or -30°C to +150°C**
- **Water proof, impervious to high pressure and vacuum**
- **10 sec Time Response**
- **Thermistor or Thermocouple integrated**

These durable disk Heat Heat Flow Sensor (HFS) generate (emf) millivolts directly proportional to the heat flux passing through it. In addition, the models incorporation a Thermistor or Thermocouple respond at the same time to the temperature. Consequently, The Heat Flux Sensor is equipped to monitor, measure, and/or control simultaneously both heat flux and temperature.

When in operation, the Heat Flux Sensor often integrated into a harness for human beings or directly attached

Applications:

- Anaesthesiology
- Hypothermia
- Protective Garments
- Thermophysiology
- Kinetics
- Life Science
- Measurements of conductive and convective heat loss in swimming Sellar sea lions, ect.



[Heat Flux Sensor, 25,4mm, FR-025 \(530.5 KiB\)](#)



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