

# Heat Flux Sensors, 19mm, FR-75D-6

**Order-No: C01-500-xxx Series/Model:**



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**Heat Flux Sensor without Thermistor / Thermocouple**

## Main Product Features

- **3/4 (19mm) Diameter**
- **Sensitivity, nominal 22 (BTU/ft<sup>2</sup> Hr.) or 69 (W/m<sup>2</sup>)/mV - bipolar**
- **Temperature Range -22°F to +300°F or -30°C to 150°C**
- **Water proof, impervious to high pressure and vacuum**
- **Optional with integrated Thermistor or Thermocouple**
- **twisted, TFE insulation or flexible AWG, Kevlar cables available**
- **Optional Special cable length available**

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, easure, 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 (taped) to human skin. Moreover, the sensor's many fields.

## Applications:

Medical applications like: Anaesthesiology, Hypothermia, protective clothing, Thermophysiology, Life science,

Measurements of conductive and convective heat loss in swimming Sellar sea lions, ect.



[Heat Flux Sensor Thermal Flux Sensor FR-75-D \(650.7 KiB\)](#)



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