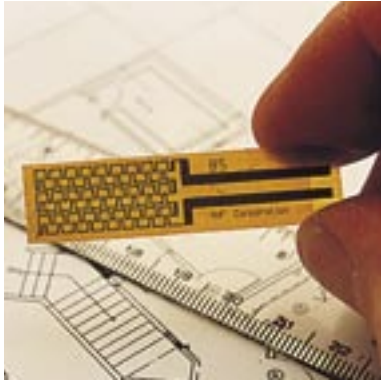


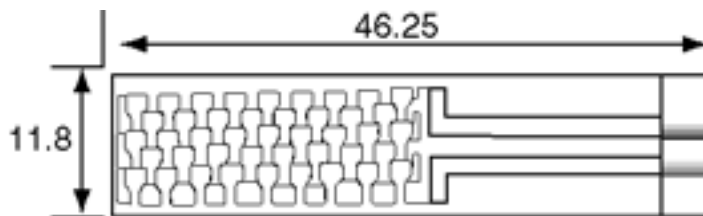
Heat flux sensor type 27160



Heat flow sensors allow precision measurements of heat transfer through any surface material.

They are cemented onto a surface like strain gauges, and will give an accurate measurement of heat transfer using a DVM as an indicator or microvolt amplifier – shortly to become available.

- **Effective** with radiation, convection and conduction heat transfer
- **Easily attached** to flat or curved surfaces
- **Non-invasive**
- **Solderable edge connections**
- **Supplied with calibration certificate and temperature correction graph**



Dimensions in mm

Specifications

Nominal sensitivity	0.82 μ V/(W/m ²)
Maximum recommended heat flux	95KW/m ²
Response time	0.6 second
Thermal capacitance	400J/(m ² -°C)
Thermal impedance	0.002°C/(W/m ²)
Maximum operating temperature	150°C