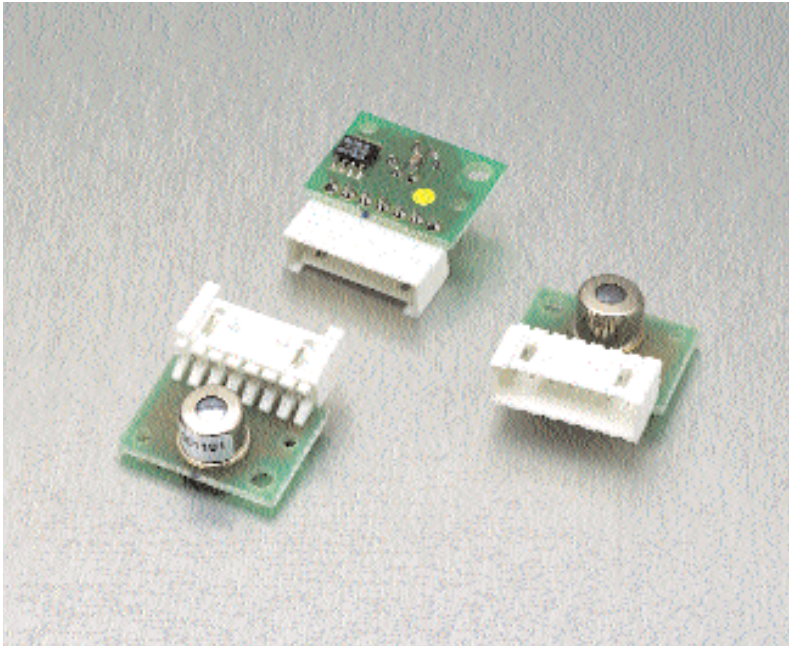


# TPAM 166 L3.9 - Array Module

## Thermopile Matrix Array with 4x4 Elements



### Description

The integrated ThermoPile Array Sensor consists of a 4x4-element thermopile chip connected to a multiplexing signal conditioning circuit. The sensor is further equipped with an internal temperature reference for correct target temperature determination. All analog signals, including the ambient temperature, are given out in a fixed frame, containing the information in one serial stream. Lenses for different field of views are available on demand. The sensor in a TO-5 housing is mounted on a small PCB with calibration data for this specific sensor stored in a E<sup>2</sup>PROM.

### Features

- Plug-In Module with Stored Calibration Data
- Integrated Optics, Multiplexer, Amplifier, Reference and Self Test Function
- Designed for Industrial Temperature Measurements

