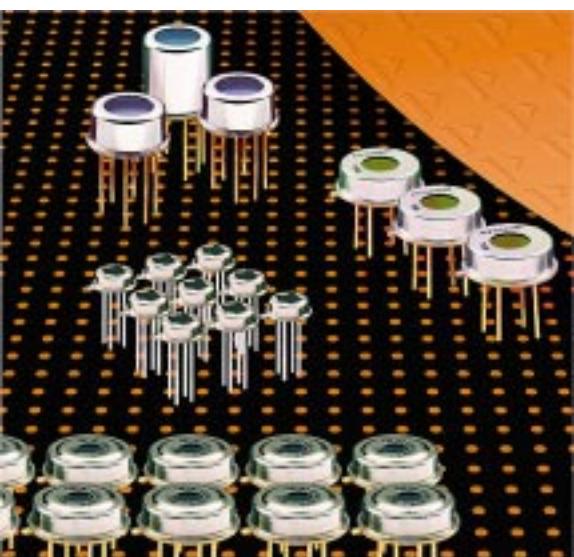


Linear Array Module **TPLM 086 L5.5**



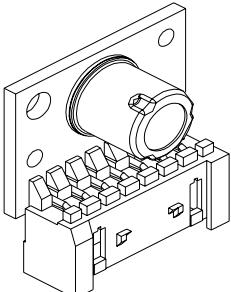
Thermopile Linear Array with 8 Elements

Integrated Optics, Multiplexer, Amplifier and Reference

Plug-In Module with Stored Calibration Data

Designed for Industrial Temperature Measurements

The integrated ThermoPile Linear Array Sensor consists of a 8-elements thermopile chip connected to a multiplexing signal conditioning circuit. The sensor is further equipped with an internal temperature sensor for correct target temperature determination. All analogue 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 an E²PROM.



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