



OEM-MNT

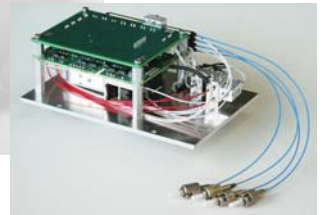
■ Description

The OEM-MNT is an OEM-type signal conditioner based on the GaAs (SCBG) technology is dedicated to be used with our GaAs fiber Optic temperature sensors.

This conditioner offers the OEM customer a product package designed for their specific needs. Its compact size and modular assembly give OEM's the best in design flexibility.

The OEM-MNT comes with or without external casing, private label option and with various interface options for easy integration into customer's hosts systems.

Use with our GaAs (SCBG) temperature sensors



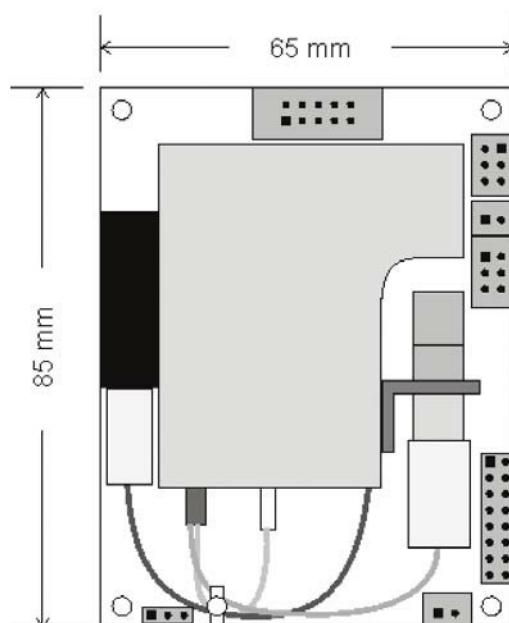
■ Key features

- Modular package for design flexibility
- Easy OEM migration
- High linearity and precision
- 50 Hz sampling rate
- Cost competitive volume discounts
- Private label option

■ Applications

- Temperature monitoring in MRI environment
- Temperature and pressure monitoring for preclinical and research applications
- Catheter research and new product development
- All industrial OEM applications

■ Dimensions in mm



■ Specifications

Number of channels	1, 2, 4, 6 & 8
Compatibility	OTG temperature sensors
Full scale	-40 °C to 250 °C (cryogenic temperature range also available)
Resolution	0.05 °C
Precision	± 0.3 °C for medical application ± 0.8 °C for industrial application (total accuracy including both signal conditioner and sensor errors)
Sampling rate	50 Hz standard
Channel scanning rate	6.25 Hz maximum (channel to channel scan period =160 ms)
Output interface	RS-232, 0.5V – 4.5 V
Input power	5 V
Storage temperature	-40 °C to 70 °C
Operating temperature	-40 °C to 60 °C
Humidity	95 % non condensing

All specifications are subject to change without prior notifications

The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification.

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