



Multi-Channel Controller

The Total Multi-channel Gas Monitor offers a robust, easy to use, cost effective approach to providing an effective gas monitoring system where safety matters.

Features

- Fully independent operation per channel
- Voltage free relay contacts
- Open collector outputs
- Advanced digital readout
- Fully user programmable
- Low power consumption
- Digital Signal Processing algorithm
- 4-20mA analogue output
- Extensive fault detection firmware
- RS485 serial data interface
- Up to 16 channels per "Euro-rack"
- Battery charging circuit with PSU 80



There are 2 control cards available; one for use with the T100 or 4 – 20mA transmitters and the other for the CGS500 Infra-red and thermo-catalytic sensors. Simple to use and microprocessor controlled, the multi-channel gas monitor is menu assisted and fully user programmable for alarm setpoints, relay options, range, sensor type, gas type and many other parameters in a user friendly manner offering unique flexibility and control over the system.

Digital Signal Processing

Monicon have pioneered an innovative approach to significantly reduce false alarms by processing the sensor signal through an advanced analysis program in the microprocessor. Monicon's DSP algorithms are an innovative approach to compensate for the undesirable effects of Radio frequency interference, humidity changes, electro-magnetic interference, pressure changes, vibration and electrical noise.

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Specialists in Safety: Gas Detection