

Pentax Microcontroller Based 8 Ch. Gas Monitor

Gas Monitoring System GMS-5000



Salient Features :-

'State-of-the-Art' Single Chip Microcontroller Based.
Max. 8 Analog Inputs in a single unit.(Expandable in the multiples of 4)
Programmable Relay Output
Scrolling Alphanumeric LCD Display

This is a Small, Compact yet Powerful Monitor designed exclusively for Small Installations where the No. of Gas Detectors required are less.

The Design of Monitor is `State-of-the-Art' Single Chip Microcontroller Based. In this case, each Gas Sensor is provided with the field mounted 4-20mA Transmitter.

The 4-20mA Range of the Transmitter is equivalent to 0-100% LEL / PPM Signal of Hydrocarbon / Toxic Gas to be detected.

Audio Alarm and LED Indications have been provided on the Monitor to announce ALARM & FAULT Conditions.

The Monitor has programmable Relay Outputs.

The Monitor can work on 110 V/230 VAC, 50 Hz and is packaged in standard WP Enclosure suitable for Wall Mounting.(it is also available in FLP as per requirement)

Specifications :

ENCLOSURE - Wall Mounting WP Enclosure for Safe Area Installation(Optional FLP enclosure).

CAPACITY - Max. 8 CH in a single unit.(Expandable in the multiples of 4.).

ANALOG INPUT - Standard 4-20mA from Transmitter Equiv. To % LEL / PPM

DISPLAY - Intelligent Alphanumeric 16 x 1 Characters LCD Type with Back-lit Facility.

DISPLAY INFORMATION - Scrolling CH. No. with 2-digit % LEL / PPM Data and status.

INDICATIONS - 4 LED's per CH. for HEALTHY, WARN(limit 1), ALARM(limit2), FAULT.

CONTROLS - ACCEPT, RESET.

ALARMS - 2 Preset Alarms (WARN & ALARM) in % LEL / PPM Range for each CH.

AUDIBLE ALARM - Built-in Buzzer with 'ACK' Facility.

OUTPUT - SPST Relay Contact each for MASTER ALARM & FAULT.

ACCESSORIES - Non FLP Cable Glands as required.

MAINS - 110 VAC / 230 VAC, 50 Hz.

UNIT DIMENSIONS - 380mm Height x 300mm Width x 140mm Depth approx.



PENTAX ENGINEERING PVT. LTD

REGISTERED OFFICE : Bharat Velvet Compound, Safed Pool,
Sir M. Vasanji Road, Mumbai - 400 072.
Tel. : 022-2851 59 11 Fax : 2859 54 38 E-mail : pentax@vsnl.com