



Model PT2008 Gas Monitor Explosion Proof Enclosure

Features

- Large Graphic display (240 x 128 Pixels)
- Optional Historical data Logging with Real time clock calendar
- Sensor interface: 4-20mA transmitter or Addressable serial IO type
- Eight (8) channels for analog sensors (PT295 series) or 24 addressable sensors (Ultra1000 series)
- Easy Configuration using keypad switches on the front panel
- Programmable sensor location or tags
- Programmable for various toxic and combustible gases, Pressure switches and pressure transducers.
- Six (6) fully programmable alarm relays and 1 Sensor malfunction or communication fail relay.
- Low power suitable for use in remote areas with solar power.



- Interface to Multiple Remote Relay modules.
- Nema 7 Explosion Proof Enclosure
- Complete Digital data communication using RS485 MODBUS RTU protocol

Model PT2008 Multi-Channel Gas Monitor (*Explosion Proof Enclosure*)

Specifications

Sensor Interface

- Standard 4-20mA transmitter (PT295 Series).
- Addressable Sensor with MODBUS RTU Communication. (Ultra1000 Series)
- Maximum of 16 analog sensors or 24 addressable sensors

Enclosure

Nema 7 Explosion Proof Enclosure with Clear window

Operating Temperature

-50°C to +85°C

Operating Humidity

15% to 90% RH, non-condensing

Display

240 x 128 Pixels Graphic Display
With back light

Status Indicators

Yellow and Red LED alarm Indicators

Enclosure Dimension

Length: 14 inches
Width: 14 inches
Height: 10 inches

Historical data Logging

Historical Alarm / Event Log with date and time stamp. Maximum of 300 Event **log** records. Data download to laptop computer using Windows Hyper Terminal utility program.

Alarm Relays

Six (6) Each Form "C" type relays
Rated at 5 Amps AC/DC

Input Power

- 24VDC power Input

Serial Interface

RS-485 MODBUS RTU at 9600 Baud.

Pem-Tech, Inc.