

## **PVE 103 - Gas Detectors**

The PVE 103 series of gas detectors are designed for cost effective safe area gas detection solutions. They incorporate microprocessor technology to give a stable 4-20mA process signal output. The in built processor can be used to pre-calibrate the sensor prior to installation. Alternatively calibration can be achieved on site via the PVE control panel or locally using a handheld PC device or laptop.

- **4-20mA Device 2 and 3 Wire**
- **Addressable Versions**
- **Compact Size**
- **Ingress Protection IP66**
- **Safe Area Use**

### **Available as:**

- **2 Wire Toxic Gas Detector**
- **2 Wire Oxygen Sensor**
- **3 Wire 'Pellistor' Flammable Gas Detector.**
- **3 Wire 'Infra Red' Flammable Gas Detector**
- **3 Wire 'Infra Red' CO2 Gas Detector**



### General Specification

Power supply	12 to 24V DC
Electrical Outputs	2 and 3 Wire 4-20mA
Temperature	-10°C to +50°C (Pellistors to -30°C)
Humidity	15 to 90% RH non-condensing
Ingress Protection	IP66
Housing Material	Powder Coated Zinc Alloy
Protection Concept	Safe Area
Dimensions (mm)	100W x 100H x 80D (mm)
Cable Entry	20mm
Weight	700 grams

## **PVE 601 - Detector Control Panel**

The PVE 601 provides a simple yet flexible solution for single point gas detection systems. The PVE 601 control panel is compatible with the PVE 103, Oxygen detectors. All functions are configurable on the panel to set alarm outputs, calibrate etc. To compliment the system a range of accessories, calibration sets and audiovisual alarms are available.

- Wall mounting
- 24V DC or 110/230vAC operation
- Volt free contact outputs
- Digital display showing gas concentration
- Serially addressable detector options
- Easy installation
- Interfaces to PVE Gas Detectors
- Built in sounder



### General Specification

Power supply	18 to 32V DC 110/230V AC
Electrical Outputs	2 Wire 4-20mA Loop
Temperature	-10°C to +50°C
Humidity	15 to 90% RH non-condensing
Ingress Protection	IP44
Housing Material	Mild Steel Epoxy Coated
Explosion Protection	Safe Area Use Only
Size (mm)	255 (H) x 265 (W) x 100 (D)
Cable Entry	6 x 20mm Knock Outs
Weight	5.1 kg