

PA-6, PAX-6 and PDX-15 Medical Gas Alarms



The Penlon Medical Gas Alarm Management Range provides a reliable, compact, method of monitoring within a pipeline system

- ◆ Complies with HTM 2022, HTM02 and C11
- ◆ Monitors up to six gas / vacuum services
- ◆ The PA-6 and the PAX-6 are suitable for integration into AVSU Modules
- ◆ Each PA alarm will also act as a slave to another PA alarm unit
- ◆ BMS availability
- ◆ Two year warranty

Partnership for Life

Product Summary

PA Series

PA Area Alarms monitor piped gas pressure in theatres, wards etc., in accordance with the requirements of HTM 2022, HTM02 and C11.

Gas condition is displayed as Normal, High Pressure, or Low Pressure. Vacuum condition is displayed as Normal, or Low Vacuum.

Individual switches provide monitoring at point of use by measuring the internal pressure of the pipeline after the final line valve or AVSU.

Each switch is fitted with an end-of-line monitoring resistance, matched to the alarm panel, enabling the alarm panel to detect any faults on the system wiring or signal transmission.

The alarm panel can display up to six services.

Battery back-up enables the unit to function normally in the event of mains power failure.

Using a three-core screened cable, a PA Series unit can act as a slave to another unit within 250 metres

(four-core cable is required if signals are to be returned to the master unit).

PDX-15

The Penlon PDX-15 Medical Gas Alarm system meets the requirements for General and Repeater alarm panels as defined in C11 and HTM 2022. It is a reliable, flexible and easy to use unit, enabling an economical system to be installed and expanded as required.

Where serviceable S.W.A. or screened cable exists, this can be used for the PDX-15 plant alarm system, allowing substantial savings on installation costs.

A full range of accessories are available, allowing the system to be tailored to the requirements of the individual hospital.

Battery back-up enables the unit to function normally in the event of mains power failure.

Product Features

Design Features

PA Series

- ◆ Meets the requirements of HTM 2022, HTM02 and C11
- ◆ Designed to monitor high and low pressure from local pressure switches
- ◆ Suitable for up to six services including vacuum
- ◆ Available in surface or flush format
- ◆ May be used as a slave unit to another PA unit within 250 metres
- ◆ Can be integrated into an AVSU module

PDX-15

- ◆ Meets the requirements of HTM 2022, HTM02 and C11
- ◆ Multiplexed system using a pulse width modulated signal (the MEDCON system) on two-core inter-panel wiring
- ◆ Available in surface or flush format
- ◆ Capable of displaying up to 15 services, each consisting of up to four conditions plus normal

Optional Components

PA Series

- ◆ Pre-wired termination boxes
- ◆ Unwired termination boxes
- ◆ Pressure switch assemblies include 15 mm copper stub for in-line connection
- ◆ Pressure switches only

PDX-15

- ◆ Internal and external transmitters (these are required when purchasing Main Alarms)
- ◆ BMS (Building Management System) Interface

Service and Maintenance

- ◆ Two year warranty from date of manufacture, excluding components designated as service items to be replaced by the customer as part of the published service schedule
- ◆ Throughout the UK our network of service engineers provides a full repair and maintenance service of the highest quality
- ◆ Outside the UK a similar local service is provided by our fully trained distributors

Ordering Information

Contact our Sales Office, or refer to our latest price list for part number and price information

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