SA-6 / SAX-6 / SDX-15
Medical Gas Alarms

The Penlon Alarm Management range provides a reliable, compact, method of monitoring within a Medical Gas Pipeline System

- Complies with all relevant standards
- Monitors up to six gas/vacuum services
- The SA-6 and the SAX-6 are suitable for integration into AVSU modules
- Each SA alarm will also act as a slave to another SA alarm unit

Quality & Assurance
**Product Summary**

**SA Series**
The Penlon SA Area Alarm is designed to monitor piped gas pressure (high and low pressure on up to six services), via pressure switches, in theatres, wards etc. after the final Area Valve Service Units (AVSUs) in accordance with the requirements of HTM 2022 / C11.

In addition the SA will also act as a slave to another SA within 250 metres, using a three core screened cable (four cores if signals are to be returned to the master unit).

Local Area Alarms will provide indication of the condition of gas (Normal, High or Low pressure) at the point of use, by monitoring the internal pressure of the pipeline after the final line valve or AVSU.

The method of monitoring will be by individual pressure switches for high pressure, low pressure and low vacuum. Each switch will be fitted with an end of line monitoring resistance, matched to the alarm panel, to enable the alarm panel to detect any faults on the system wiring or signal transmission.

The alarm panel will have the ability to display up to six services each with Normal and two Fault conditions.

A battery back up will be provided within the system to enable the alarm panel to function normally in the event of mains power failure.

**Product Features**

**Design features - SA Series**
- Meets the requirements of HTM 2022 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 SA within 250 metres
- Can be integrated into AVSU module

**Ordering Information**
Contact our sales office, or refer to our latest price list for part number and price information.

**Medical Gas Pipeline Sales**
Tel: +44 (0) 1235 547038
Fax: +44 (0) 1235 547055
E-Mail: medgas@penlon.co.uk
Website: http://www.penlon.com/products/pipeline/pipeline.html

---

**Product Summary**

**SDX-15**
The SDX-15 Medical Gas Alarm system has been developed to meet the requirements for General and Repeater alarm panels as defined in C11 and HTM2022 and, as such, fully meets the requirements of these documents. Emphasis is placed on reliability, flexibility and ease of use enabling an economical system to be installed and expanded as required.

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

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

The internal battery can be used to keep SDX-15 alarm panels operational in the event of mains power failure.

**Product Features**

**Design features - SDX-15**
- Meets the requirements of HTM 2022 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 4 conditions plus normal