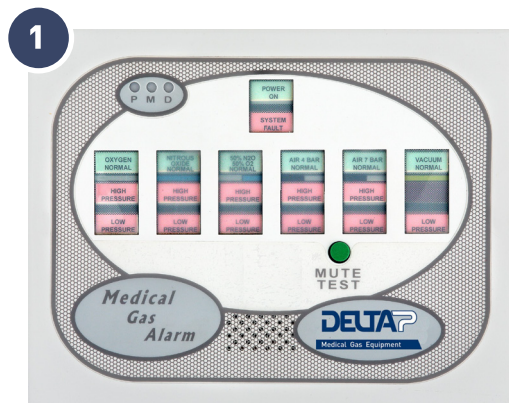


# Area Alarm Panel

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## HTM 2022 / 02-01

## Area Alarm Panel HTM 2022 / 02-01



### Key features

- 1 It allows the monitoring of both high and low pressure (low only for vacuum) up to 6 gases contemporary.
- 2 Alarm system fault in accordance to HTM 2022 / 02-01 requirements

**Possibility to check of integrity of the cabling between alarm system and pressure switches with a termination box supplied on request**

## General Description

The area alarm panel is used to monitor pipeline pressure within a ward, theatre etc.

The pressure is monitored by pressure switches in the pipeline downstream from the last AVSU. Pressure is monitored for both high and low pressure (low only for vacuum). The integrity of the cabling between the pressure switches and the alarm panel is monitored, and a fault on this cable will result in a system fault alarm, with all affected alarm conditions going into alarm.

The monitoring of the cable requires a termination box to be mounted as close as practical to the pressure switches. As an optional extra, these termination boxes can be supplied with the cables for connection to the pressure switches already fitted, allowing significant savings in on-site work.

Several alarms can be connected to the same end of line components using just 3 cores.

The alarm panel can transmit either a common alarm or all alarm conditions, using the MEDCON data protocol, for display on an external plant alarm system, and can also receive data from the external plant alarm system.

Designed to meet the requirements of:

- HTM 02-01 & HTM 2022 Medical Gas Pipeline Systems,
- C11 NHS Model Engineering Specification - Medical Gases
- BS EN ISO 7396-1 Pipeline system for compressed medical gases and vacuum
- 2004/108/EC The EMC Directive
- 2006/95/EC The Low Voltage Directive

### Technical Data

**COMPLYING TO** HTM 02-01, HTM 2022, ISO 7396-1, C11 NHS standards

#### ELECTRICAL FEATURES

**POWER SUPPLY** 240 Volt - 1ph - 50/60 Hertz , fused at 3 amps.  
**INPUTS** FREE VOLT CONTACTS NORMALLY CLOSED  
**OUTPUTS** CUMULATIVE CONTACT ON RELAY / OWNER PROTOCOL MEDCON

### MODELS

#### AREA ALARM PANELS

##### Surface mount model

1 gas, surface mount  
2 gas, surface mount  
3 gas, surface mount  
4 gas, surface mount  
5 gas, surface mount  
6 gas, surface mount

##### Flush-mount model

1 gas, flush mount  
2 gas, flush mount  
3 gas, flush mount  
4 gas, flush mount  
5 gas, flush mount  
6 gas, flush mount

## Area Alarm Panel **HTM 2022 / 02-01**

### DRAWINGS

