SENTOX 14-44 GAS CONTROL UNITS

DESCRIPTION

Sentox 14 and Sentox 44 unit represents the better technology in gas detection in small system, ideal for residential, commercial and industrial applications.

They can be connected to one up to four remote analog 4-20 mA gas detectors for explosive or toxic gases. The front panel comprises of a 4-digit backlit display, the first one on the left indicates the channel, the other three show the readout contents; five LEDs indicating the states of the control unit and 2 push buttons for Test and Reset. Three outputs are provided to operate auxiliary devices such as solenoid gas valves, buzzers, sirens, etc. A fourth relay is available for any remote Fault signalling.

Power supply is at 230 Vac or 12-24Vdc.

Plug in terminals on the backside offer an easy connection.

They are housed in plastic enclosures for panel mounting, with the following dimensions: 96x48x124mm Sentox 14 and 144x144x110 mm Sentox 44.

PERFORMANCES

- *Input signal 4-20 mA from detectors*
- *Power supply at 230Vac or 12-24 Vdc*
- *Three relays corresponding to alarm thresholds*
- *Fault relay*
- *Watch Dog output relay (on Sentox 44)*
- *4-digit display showing the concentration being measured*
- *Front LEDs to indicate the operational states*
- *TEST function*

For any further information please contact:
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Technical specifications of Control Unit SENTOX 14

Power Supply:	230V +/- 10% 50 Hz 2VA or 12-24Vdc
Consumption when connected to 1 gas detector	20 mA
Outputs	Relay outputs for Fault, Alarm 1 and Alarm 2; Open Collector output for Alarm 3
Contacts rating	10A, 250V
LED indication	Mains connection, pre-alarm1, Alarm 2, Alarm 3, Fault
Display	4 digit LCD
Operating temperature	-5+45 °C
Operating humidity	15-85% non condensed
Housing dimensions	96x48x124mm
Storage temperature and humidity	-20 +55°C; 5-95% R.H.
Inputs	1 input 4-20 mA

Technical specifications of Control Unit SENTOX 44

Power Supply:	230V +/- 10% 50 Hz 4VA or 12-24Vdc
Consumption when connected to 4 gas detectors	50 mA
Inputs	4 inputs 4-20mA
Outputs	Relay outputs for Fault, Alarm 1, Alarm 2; Alarm 3, W.d.
Contacts rating	10A, 250V
LED indication	Mains connection, pre-alarm1, pre-alarm 2, Alarm 3, Fault
Display	4 digit LCD
Operating temperature	-5+50 °C
Operating humidity	15-85% non condensed
Housing dimensions	144x144x110, rated to IP42
Storage temperature and humidity	-20 +60°C; 5-95% R.H.

Part Numbers

CODE	DESCRIPTION
ST.SX14QN	**Single channel, board mounted** microprocessor based gas control panel to be connected to 1 remote gas detector. Double alarm thresholds programmable at the customer's request (standard 10-20-30%) it is provided with 3 output relays. Contents readout on a 4 digit LC-display. Enclosure dimensions: 48x96x124mm. Power supply: 230Vac and 12-24Vdc
ST.SX44N	**Four-channel board mounted** microprocessor based gas control panel to be connected to up to 4 remote gas detectors. Three alarm thresholds adjustable at the customer's request (standard 10-20-30%) and 5 output relays. Contents readout on a 4 digit LC-display. Enclosure dimensions 144x144x110 mm. Power supply: 220Vac and 12-24Vdc

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