

MD780 GAS & CO DETECTION CONTROL PANEL

DATASHEET



DESCRIPTION

The MD780 control panel functions in combination with the MD780 gas sensor and the MD780 CO sensor. The detected gas mixture is determined by the type of gas or CO sensor connected. The control panel is operated via a touch screen. There are 3 levels of operation, with the second and third levels protected by a password.

The MD780 control panel is equipped with 3 per zone adjustable alarm thresholds for gas detection and with 4 per zone adjustable alarm thresholds for CO detection. The control panel's logbook, with the last 500 events and actions performed, can be consulted via the touch screen. With the MD780 configuration software and the ... licence, the control panel can be custom configured.

The MD780 control panel is equipped with 6 programmable relay outputs, 2 programmable transistor outputs and 1 Solid-State relay. Via the control panel's RS485 I/O bus, it is possible to expand the system with up to 8 external relay cards and/or repeater panels.

- Suitable for the connection of up to 8 external MD780 gas and/or CO sensors
- Materials: synthetic substructure with ABS front panel
- Dimensions (H x W x D): 253 x 327 x 92 mm
- Built-in power supply : 24Vdc 60W
- Quiescent current: gas detection: 165mA@27Vdc – CO detection: 130mA@27Vdc
- Alarm current: gas detection: 235mA@27Vdc – CO detection: 250mA@27Vdc
- Capacity and type of batteries (not included): 2x 12V 2,3Ah – Genesis

TECHNICAL DATA

Power supply	230Vac 50Hz
Supply voltage	27Vdc
Supply output	27Vdc - maximum 500mA
230V output for gas valve	Maximum 1A switched via Solid-State relay
IP rating	IP44
Operating temperature	0°C to +50°C

Changes can be made without prior notice