LEAK DETECTION

Digital Gas Detection system (MDD256)

A system that monitors and controls detectors in the network



A system that monitors and controls detectors across the network

The MDD256 Digital Gas Detection system is a micro-processor-controlled module built to oversee digital gas detection. It is designed to work with a range of detectors and control modules using RS485, and periodically checks detectors within the network.

In the event of a gas alarm

When pre-set gas concentration levels are exceeded:

- the opto-acoustic alarm turns on;
- the output relays become active;
- any attached signalling devices (MDD-L32T) are activated;
- alarm information is sent via RS485 (MODBUS RTU protocol) on request.



The MDD-256/T master module mounted in a standard cabinet.

Features

- Controls a maximum of 224 detectors and 21 control units (in up to 7 zones)
- Communication with detectors in RS485 standard, galvanically separated

Benefits at a glance

- Remote control, diagnostics and in-network gas detector identification
- Controls 224 detectors and 21 control units
- Periodically checks detectors within the network
- Ready to mount in standard cabinets

- Second RS485 channel allows communication with other external control systems
- Remote control, diagnostics and gas detector network identification
- Each detector's state can be read from the LED display
- Output relay OUT4 signals system fault state by default
- Adjustable output delay
- 2 × 12VDC alarm outputs for external signalling devices
- Ready to mount in standard cabinets (TS35 rail)
- 24VDC supply (with LED indicator)
- Equipped with face-mounted keyboard
- Optionally configurable via PC and extra software