

Floodline Digital Gas Detector DD Control Unit



Micro-processor controlled module MDD-256/T was built to oversee the Digital Gas Detection System (DD). It is designed to work with a range of detectors and control modules using RS485. MDD-256T periodically checks detectors in the network.

- 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

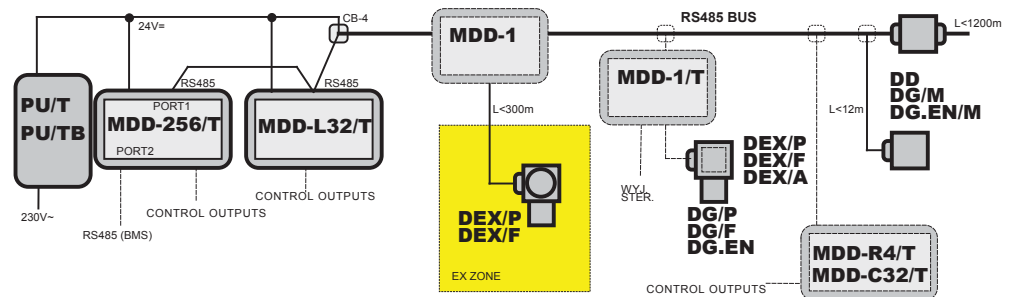
In the event of preset gas concentration levels being exceeded:

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

Features:

- controls max 224 detectors and max 21 control units (in max 7 zones)
- communication with detectors in RS485 standard galvanically separated
- second RS485 channel allows communication with other external control systems
- remote control, diagnostics and gas detector in network identification
- each DD's state can be read from LED display
- output relay OUT₄ signals system fault state by default
- adjustable output delay
- 2 12VDC alarm outputs for external signalling devices

Connection block diagram



E&OE Rev 1.0

