Gas monitor CANline 10

Features

- The CANline 10 control unit displays the detector gas concentration with name and location
- The CANline 10 may be connected to a total of 10 analogue or digital sensors along with 6 of relay cards
- Maximum of 32 relays may be connected
- Several Touch-Displays may be connected
- User-Friendly programming mode by Configuration-Software (Windows)
- The integrated timer may be used for periodic switching of relays, e.g., to activate local fans in the monitoring zones at set times in the day
- Different groups / zones may be programmed to specific relays

- Different relay functions programmable (Reset manual or automatic, NO/NC, max. ON time, etc.)
- For wall or cabinet mounting (optional DIN-Rail enclosure)
- 24VDC or 230VAC power supply
- History (visible on display); the integrated alarm events and error messages are recorded
- integrated MODBUS RTU interface
- Robust IP 54 enclosure
- The system has been developed by KIMESSA and is manufactured in Switzerland

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- 4 gas alarm thresholds per gas detector
- Internal data logger for logging alarms and faults (visible on display)
- Timer for periodic ventilation in an indoor car park

Warranty: 12 month warranty

Main features:

Operating temperature: -10 °C ... +40 °C
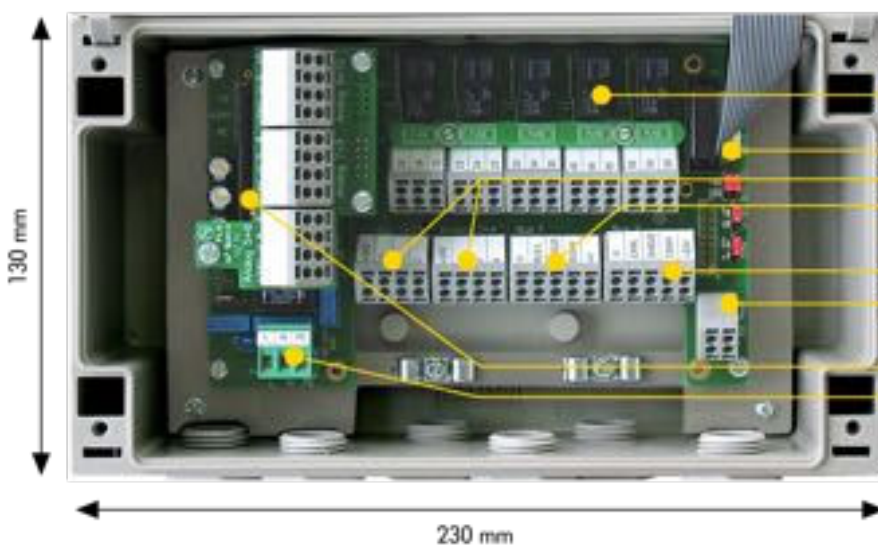Air humidity: 5...95 % (non condensing)

Mode of functioning:

- OLED Display to show selected Gas Detector with its concentration and description, including switching status of the relay contacts
- Fault Status-Information on faulty Gas Detectors
- Connection for several Touch-Displays possible

Housing

Housing protection: IP 54
Material: Thermoplast
Weight: 1100 gr
Dimension length: 230 mm
Dimension width: 130 mm
Dimension height: 90 mm

Specifications electronic

Supply: 24 VDC (opt. 230 VAC)
Power consumption: max. 60 mA
Sensor-Inputs: 10 x Analogue / 10 x Digital (CAN-Bus)
Switching output: 5 potential free (2A)

Specifications construction

Cable gland: 6 x M20
Cable entry: bottom
Tests: CE / EN 50271
Display: OLED-Display
Position: depending on display
RESET-Connector: yes
Volume: 60 dB

Electronic and Dimensions

I/O Connections
5 x pot. free relay contacts

MODBUS RTU-Interface
Sensor-Inputs: 2 x 4...20 mA
BUS 1-Connector for digital Sensor-Inputs, Touch-Display and Relay card
BUS 2-Connector for 2. BUS-Line
Connector for remote RESET

Supply
24 VDC (below Power Supply)
230 VAC (0.9 Amp)

130 mm

230 mm