

# **Gas monitor CANline 04**



#### **Features**

- The CANline 04 control unit displays the detector gas concentration with name and location
- The CANline 04 may be connected to a total of 4 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 buttons (code protected) or 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

www.kimessa.com CANline 04 - 06/10/2020



#### **Gas monitor CANline 04**

- 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

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### **Specifications electronic**

Supply: 230 VAC (opt. 24 VDC)

Power consumption: max. 60 mA

Sensor-Inputs: 4 x Analogue / 4 x Digital

(CAN-Bus)

Switching output: 5 potential free (2A)

# **Specifications construction**

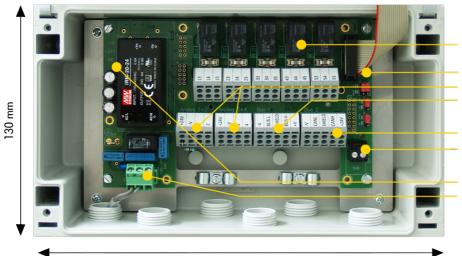
Cable gland: 6 x M20
Cable entry: bottom

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: 4 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)

230 mm