



ALARM UNIT MX6000



DESCRIPTION, APPLICATION

The alarm unit type MX 6000 is designed for continuous control of explosive gases and vapors, toxic gases, oxygen level, temperature, digital signals, etc. In case of alarm events is necessary to assure the appropriate informing and arrangements.

Because of possibility to connect up to 8 alarm units, the alarm unit is suitable for bigger systems. Alarm units are connected with CAN communication system and can be placed in different locations. With use of CAN sensors (CO-CAN, CH4-CAN) one alarm unit can control 32 measuring points. The alarm unit should be mounted outside the area endangered by explosion in area where is permanent working place, in height approximately 160 cm above floor to ensure unimpeded reading. Measuring sensors should be mounted near the source of the potential gas leak.

In the case of alarm event, the alarm unit performs audible and visual signalling, non-voltage control and signal transfer to operator.

Alarm unit can connect different sensors and devices for signalling:

- Sensors: S-JP Ex
S-JP/K
S-CO
OLCT xx
CTX 300, CEX 300
OLCT IR
CTX 300 IR
CO-CAN, CH4-CAN,
CO-I, CH4-I
RF 501T
- Signalling: AH-1-PEX
AH-2-PEX
ASB12-24
AS-24
BLS-24

TECHNICAL DATA FOR ALARM UNIT

Supply voltage	230 V / 50Hz
Connection power	100 VA
Working voltage	5 VDC, 24 VDC
Max. consumption per measuring point	300 mA
Cable glands	diameter 6-12 mm (M20x1,5)
Mechanical protection	IP54
Housing	metal
Number of measuring points	up to 32
Relay outlet: (non-voltage: 250 V; 8 A)	Alarm 1 Alarm 2 Alarm 3 Error Horn
Working temperature range	-10°C to 40°C
Reserve supply	24 V / 12 Ah (48 hours)
Dimensions	380 x 400 x 140 mm
Weight	17 kg

TECHNICAL DATA FOR CAN COMMUNICATION

Power supply	5 V galvanic separated
Baud rate	125 kBAUD
Maximal length of communication line	1000 m

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