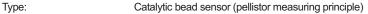
OLCT 10/OLC 10

Toxic / Flammable Gas Detectors

- Toxic gas monitor (OLCT 10)
- Combustible gas monitor (OLC 10)
- Fast and accurate response
- ATEX Approval for use in hazardous areas
- IP66

esigned for use in boiler rooms and parking garages, the OLCT 10 and OLC 10 gas monitors give you the most costeffective solution for the continuous monitoring of toxic (OLCT 10) or flammable gases and vapors (OLC 10) in ambient air. Easy to install and operate, these detectors combined with the MX 15 control unit meet demanding user requirements.



118 x 126 x 58 mm Size (W x H x D):

Material: ABS IP Rating: IP66 Expected lifetime: > 4 years -10 to + 45 °C Operating temperature: Operating humidity range: 0 % RH to 95 % RH Operating pressure: 80 to 120 kPa +/- 3% LEL Accuracy:

T50 < 10s, T90 < 20s Response time:

OLC 10

Signal output: Wheatstone Bridge

Measuring range: Combustible gases - 0 to 100 % LEL

Non-ambiguity reading: Managed by control unit

On control unit Settings:

Power supply: by control unit only

Consumption: See user manual of the control unit

Cabling: OLC10: 3-wire, shielded,

core size 1,5 mm2, max. cable length 300 m 1 cable-gland M16 (outer \ 4 to 8 mm) OLC 10 TWIN: shielded, core size 1,5 mm2, 3-wire to control unit, 4-wire between both

sensors, max. cable length 300 m, 2 cable-glands M16 (outer \ 4 to 8 mm)

Electromagnetic compatibility according to EN 50270 Approvals:

ATEX II 3 G / EEx nA IIC T6



OI C 10

OLCT 10

Normal operation 4-20mA (Fault < 0.5 mA or > 23.2 mA)

Carbon Monoxide - 0 to 300 ppm Nitric Oxide – 0 to 100 ppm Nitrogen Dioxide – 0 to 30 ppm

Set to 23,2 mA if value > 100% LEL according to European standard EN 61779-4

Disable on request when managed by a suitable controller

Without opening the enclosure by means of 2 potentiometers for zeroing and spanning

2 mA signal output in maintenance mode

One dedicated connector to get a gas measurement

15 to 30 Vdc (nominal 24 Vdc)1 : I out (signal) 2:0V 3:+24 Vdc

100 mA max

3-wire, shielded, core size 1,5 mm2, max. cable length 1 km if connected with control unit (32 V max in loop) 1 cable gland M16 (outer \ 4 to 8 mm)

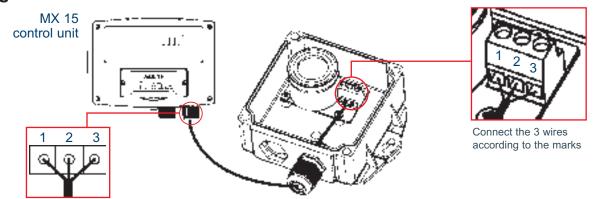
ATEX II 3 G / EEx nA IIC T4



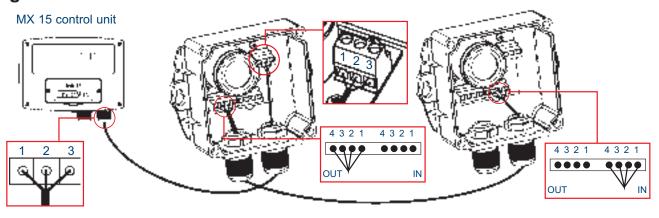
OLCT 10/OLC 10

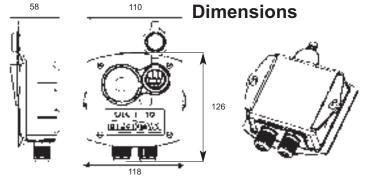
SPECIFICATIONS

Wiring connection between OLC 10 or OLCT 10 and MX 15 control unit



Wiring connection between OLC 10 TWIN and MX 15 unit





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