TELEDYNE
OLDHAM SIMTRONICS
Everywhere**you**look™

THE AFFORDABLE OLDHAM OLC(T) 10 DETECTOR FOR APPLICATIONS IN BOILER ROOMS OR PARKING FACILITIES.

Specially designed for use in boiler rooms and parking facilities, the OLC(T) 10 series is the most cost-effective solution for monitoring explosive gases and vapours, toxic combustible gases (CO, NO, NO_2, etc.), and freons.
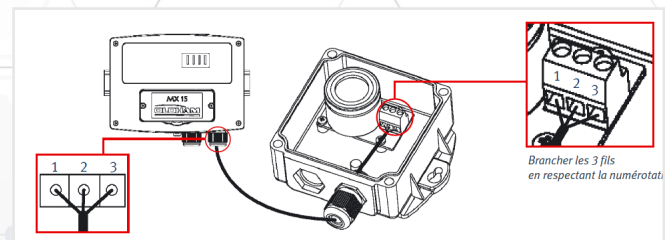
The main advantages of these detectors are their small size, ease of installation and ease of operation. Used with the Oldham control panels, these detectors deliver a solution that meets French and European standards and is excellent value for money.
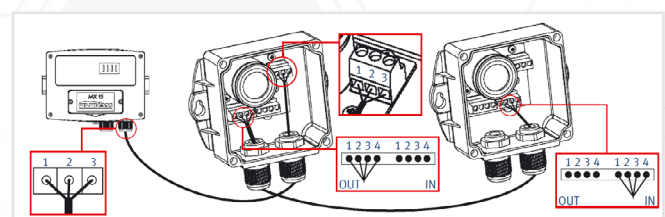
TECHNICAL DATA

Size	4.6 x 5.0 x 2.3 in. (11.8 x 12.6 x 5.8 cm)
Protection Class	IP65
Material	ABS
Signal output	OLC 10 / 10 TWIN: Wheatstone Bridge OLCT 10: 4-20 mA (Fault < 0.5 mA or > 23.2 mA)
Response time	T50 < 10s
Operating temperature	+14˚F to 113˚F (-10 to +45 ˚C)
Humidity	0-95% HR, non condensing
Power Supply	OLC 10 / 10 TWIN: By controller only OLCT 10: 15 to 30 Vdc (nominal 24 Vdc)
Cabling	OLC 10 : 3 Wire, shielded, core size 1,5 mm² max. cable lenght 300 m, 1 cable-gland M16 (outer Ø 4-8 mm) OLC10 TWIN : shielded, core siez 1,5 mm², 3-wire to control unit, 4-wire between both sensors, max. cable lenght 300 m, 2 cable-glands M16 (outer Ø 4-8 mm) OLCT 10: 3-wire, shielded, core siez 1,5 mm², max. cable lengt 1km if connected, with control unit (32 W max un loop) 1 cable gland M16 (outer Ø 4-8 mm)
Consumption	OLC 10 / 10 TWIN: 340 mA max. OLCT 10: 100 mA max.

Approvals	
ATEX	OLC10 / 10 TWIN: II 3 G / Ex nA IIC T6 OLCT10: II 3 G / Ex nA IIC T4
EMC	Electromagnetic compatibility according to EN 50270:06 (typ 1)

WIRING ARRANGEMENT :

Brancher les 3 fils en respectant la numérotati

Between OLC(T) 10 and MX 15 control unit

Between OLC 10 TWIN and MX 15 control unit

WHY CHOOSE BE ATEX ?

Your equipment is there to protect you! That's why BE ATEX checks it before dispatch, so you can use it straight out the box:

- Calibrate of gas detection equipments

- Check and verify of all PPE equipements

- Custom configuration of devices (alarm setpoints, frequency of calibration and logging, start-up messages, etc.)

SENSOR SPECIFICATIONS

GAS	MEASURING RANGE	OLC10	OLC10 TWIN	OLCT10	OLCT10 Semi-conducteur
Combustible gas (Methane, butane, propane, LPG, NGV, H_2)	0-100% LIE	◇	◇	◇	◇
Carbone monoxide	0-300 ppm			◇	
Nitrogen monoxide	0-100 ppm			◇	
Nitrogen dioxide	0-30 ppm			◇	
HFO 1234YF	0-1000 ppm				◇
R11	0-1% vol				◇
R12	0-1% vol				◇
R22	0-2000 ppm				◇
R23	0-1% vol				◇
R32	0-1000 ppm				◇
R123	0-2000 ppm				◇
R134a	0-2000 ppm				◇
R143a	0-2000 ppm				◇
R404a	0-2000 ppm				◇
R410a	0-1000 ppm				◇
R407c	0-1000 ppm				◇
R408a	0-4000 ppm				◇
R434a	0-4000 ppm				◇
R507	0-2000 ppm				◇