OLCT10
ATEX Low Cost fixed gas detector / transmitter 4-20 mA output
Boiler rooms or Car parks (combustible gases – CO – NO – NO2)

INTRODUCTION

Designed for use in boiler rooms and parking garages, the OLCT10 gas monitor gives you the most cost-effective solution for the continuous monitoring of toxic or flammable gases and vapors in ambient air.

Easy to install and operate, this detector combined with the MX15, MX32, CE 400 or other control unit meets demanding user requirements.

TECHNICAL FEATURES

Type:
Catalytic bead sensor (pellistor measuring principle)

Measuring range:
• Combustible gases: 0 to 100% LEL
• Carbon Monoxide: 0 to 300 ppm
• Nitric Oxide: 0 to 100 ppm
• Nitrogen Dioxide: 0 to 30 ppm

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

Power supply:
15 to 30 Vdc (nominal 24 Vdc) 1: 1 out (signal) 5: 0V 3: +24 Vdc

Consumption:
100 mA max

Cabling:
• 3-wire, shielded
• 32 V max in loop
• 2 cable-glands M16 (outer \ 4 to 8 mm)

Size (WxHxD): 118x126x58

Material: ABS

IP Rating: IP66

Operating temperature: -10 to +45°C

Operating humidity range: 0% RH to 95% RH

Operating pressure: 80 to 120 kPa

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

Certifications:
• Electromagnetic compatibility according to EN 50270
• ATEX II 3 G / EEx nA IIC T4

PART NUMBERS

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<tr>
<th>Part No</th>
<th>Description</th>
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<tbody>
<tr>
<td>6 513 565</td>
<td>OLCT10 Combustible gases / 0 – 100% LEL</td>
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<tr>
<td>6 513 603</td>
<td>OLCT10 Combustible gases / 0 – 4.4%/vol. CH4</td>
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<tr>
<td>6 513 567</td>
<td>OLCT10 Carpark 0 – 300 ppm CO</td>
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<td>6 513 569</td>
<td>OLCT10 Carpark 0 – 100 ppm NO</td>
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<tr>
<td>6 513 570</td>
<td>OLCT10 Carpark 0 – 30 ppm NO2</td>
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