Ventis MX4
Portable 4 gas detector (EXPLO, O2, CO, H2S)

Product description
The Ventis MX4 is a 4 gas detector, specially developed for monitoring combustible gases and vapors (hydrocarbons, methane, LPG), O2 (lack of oxygen), CO, H2S, NO2 and SO2. It is a versatile ATEX portable gas detector used mainly in sanitation, in the steel industry, in construction and more generally in applications where one must control the presence of these gases.

A compact and versatile detector
With a compact and rugged design, the Ventis MX4 is a multi gas detector with the dimensions of a single gas monitor for better mobility. Featuring a high protection index (IP66/IP67), it is waterproof and dustproof and has exceptional durability in severe industrial conditions.

Remote gas sampling pump
Available in 2 colors, black or orange for better visibility, the Ventis MX4 can be used in diffusion mode or in remote gas sampling mode with a removable clip-on pump. It is an ideal solution for situations that require measures authorizing entry into confined spaces.

The advantages of the Ventis MX4
- Detects from 1 to 4 gases with a large choice of sensor combinations: EXPLO (0-100% LIE), O2, CO, H2S, O2, SO2 or NO2
- 95 dB audible alarm, ultra-bright visual alarm and strong vibrations
- Records approximately 3 months of data for a 4 sensor configuration
- Numerous standardized pictograms for better readability
- A multi gas detector with the dimensions of a single gas device
- Increased visibility of the instrument thanks to the orange casing
- Rechargeable Li-ion battery pack for daily use - up to 12 hours continuous run time
- Optional clip-on pump for gas sampling - up to 15 meters

Technical specifications
- **Ventis MX4, 4 gas detector**
  - **Sensors**: Combustible gases/methane – Catalytic diffusion
    O2, CO, H2S, NO2, SO2 – Electrochemical
  - **Alarms**: Ultra-bright LEDs, loud audible alarm (95 dB at 30 cm) and vibrating alarm
  - **Display**: Backlit LCD
  - **Power source**: Rechargeable lithium-ion battery pack
  - **Run time**: 12 hours at 20 °C
  - **Case material**: polycarbonate with protective rubber overmold
  - **Dimensions**: 103 x 58 x 30 mm
  - **Weight**: 182 g lithium-ion battery version
  - **Operating temperature**: -20 °C to 50 °C
  - **Humidity range**: From 15 to 95 % non-condensing (continuous)
  - **IP rating**: IP66 - IP67
  - **Certifications**:
    - ATEX: Ex ia IIC T4 Ga et Ex ia I Ma; Equipment and group category II 1G/I M1
    - CSA: Cl I, Div 1, G A-D, T4; Ex d ia IIC T4
    - UL: Cl I, Div 1, Groups A-D, T4; Zone 0, AEx ia IIC T4

- **Clip-on gas sampling pump**
  - **Case material**: polycarbonate with protective rubber overmold
  - **Sampling**: 15.2 meters
  - **Mounting**: Latch fixing, no tools required
  - **Dimensions**: 143 x 81 x 68 mm
  - **Weight**: 270 g lithium-ion battery version
  - **Pump failure alarms**: Sound 90dB + visual
  - **IP rating**: IP66 - IP67
  - **Certifications**: Same as Ventis MX4

Sensors specifications

<table>
<thead>
<tr>
<th>Gas</th>
<th>Measure range</th>
<th>Increment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Combustible gas</td>
<td>0 - 100% LEL</td>
<td>1 % LEL</td>
</tr>
<tr>
<td>Oxygen</td>
<td>0 - 30 %/vol O2</td>
<td>0,1 %/vol</td>
</tr>
<tr>
<td>Carbon monoxide</td>
<td>0 - 1 000 ppm CO</td>
<td>1 ppm</td>
</tr>
<tr>
<td>Hydrogen sulfide</td>
<td>0 - 500 ppm H2S</td>
<td>0,1 ppm</td>
</tr>
<tr>
<td>Nitric dioxide</td>
<td>0 - 150 ppm NO2</td>
<td>0,1 ppm</td>
</tr>
<tr>
<td>Sulfur dioxide</td>
<td>0 - 150 ppm SO2</td>
<td>0,1 ppm</td>
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</tbody>
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