



VENTIS MX4

Multi-Gas Detector



The Ventis MX4 is an ATEX approved multi-gas detector featuring a rugged design to provide exceptional durability in tough, industrial environments

The Ventis MX4, from Industrial Scientific, is a lightweight gas detector capable of detecting one to four gases including oxygen, combustible gases and toxic gases

Get the edge on confined space detection

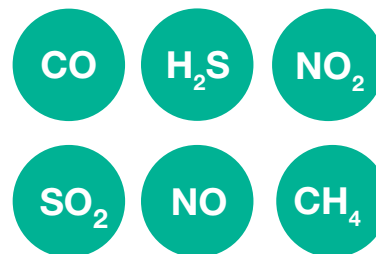
The MX4 has a backlit LCD allowing user to simultaneously view and access readings from all four sensors. Audible, visual and vibrating alarms provide an indication of when a confined space becomes hazardous

Versatile Protection

The Ventis MX4 is third-party certified IP66 and IP67, creating a dust-tight detector that can withstand the dirtiest environments. It is also water resistant; passing both water jet and submersion tests. The additional orange casing provides increased visibility.

“Ventis MX4 is a dust-tight gas detector that can withstand the dirtiest and wet environments, passing both water jet and submersion tests”

Gases analysed



KEY BENEFITS

- Detect from one to four gases with a wide range of gas sensor options
- Draw samples from up to 100 feet with an optional, integrated sampling pump
- Use the extended range battery for up to 20 hours

Technical Specification

GENERAL

- Multiple sensor configuration
- Available in standard black or high visibility orange casing
- 95 db audible alarm

POWER

- Rechargeable Lithium-ion Battery Pack (12 hours typical @ 20°C) - Ventis
- Rechargeable Extended-Range Lithium-ion Battery Pack (20 hours typical @ 20°C) - Ventis (12 hours typical @ 20°C) - Ventis with Pump
- Replaceable AAA Alkaline Battery Pack (8 hours typical @ 20°C) - Ventis (4 hours typical @ 20°C) - Ventis with Pump

PHYSICAL

- Dimensions: 103 mm x 58 mm x 30 mm - Ventis, Lithium-ion Battery Version 172 mm x 67 mm x 66 mm - Ventis with Pump, Lithium-ion Battery Version
- Weight: 182g
- Case material: Polycarbonate with Protective Rubber Overmold

ALARMS

- Ultra-bright LEDs
- Loud audible alarm (95 dB at 30 cm)
- Vibrating alarm

SENSORS

- Combustible gases/methane: Catalytic Diffusion
- O₂, CO, H₂S, NO₂, SO₂: Electrochemical

APPROVALS

- UL Class I, Division 1, Groups A B C D, T4 Class II, Groups F G (Carbonaceous & Grain Dust) Class I, Zone 1, AEx ia d IIC IP66 & IP67
- ATEX Ex d ia I Mb / Ex d ia IIC T4 Gb; Equipment Group and Category I M2 and II 2G IP66 & IP67
- IECEx Ex d ia IIC T4 Gb IP66 & IP67
- CSA Class I, Division 1, Groups A B C D, T4 C22.2 No. 152 E x d i a IIC T4

Measuring Ranges

Combustible Gases	0-100% LEL in 1% increments
Methane (CH₄)	0-5% of vol. in 0.01% increments
Oxygen (O₂)	0-30% of vol. in 0.1% increments
Carbon Monoxide (CO)	0-1,000 ppm in 1 ppm increments
Hydrogen Sulphide (H₂S)	0-500 ppm in 0.1 ppm increments
Nitrogen Dioxide (NO₂)	0-150 ppm in 0.1 ppm increments
Sulphur Dioxide (SO₂)	0-150 ppm in 0.1 ppm increments

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