

ANALOX

Sensor Technology

MEC

Range of OEM Sensors with Digital Output
looking after the air **you** breathe

What?

The MEC range offers a comprehensive assortment of robustly housed digital sensors ideal for integration into a breathing air compressor or system.

The MEC range includes (but is not limited to) CO, O₂, VOC, He, NH₃, Br₂, NO₂, H₂, SO₂, O₃, HCN, F₂, ClO₂, H₂S & Cl₂ all providing an RS485 output using Analox protocol.

Why?

Analox realise that not all customer's require a complete monitoring solution and prefer to integrate sensors into their own system. The MEC range is ideal for this requirement if digital inputs are required.

Where?

The MEC range is small enough to be integrated almost anywhere in your breathing air system. Each housing has a gas port and using a simple flow adapter they can easily be installed in series in the gas path.



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Key features

- Field replaceable
- Highly accurate
- Versatile
- Long life expectancy
- Digital Output
- Compact enclosure

Specifications:

Ranges:

0 to 100% (atmospheric pressure)
0 to 3000mBar (hyperbaric)

Accuracy:

The sensor error is less than 350ppm plus 1% of the sensor reading at constant temperature. The variation of the temperature is less than 0.15% of reading /°C

Operating temperature:

-5 to 55°C

Temperature effect:

±0.1% reading °C

Ambient pressure:

700mbar to 3000mbar

Humidity:

0 to 99% non condensing

Analogx has a policy of continuous improvement and we reserve the right to upgrade or change specifications without prior notice. Full technical specifications are available upon request.



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