

### ComastriDistribution

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TVOC2 - Fixed VOC detector

0041



# Servicies

#### After sale servicies

Ordinary and extraordinary maintenance, installation, staff training, spare parts, calibration and calibration for measuring instruments.



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## **Product description**

TVOC 2 is a fixed detector for volatile organic compounds with a high-performing and versatile PID sensor, offering three detection ranges in a single device. With a diffusive sampling technique, it ensures reduced contamination, minimizing maintenance and extending the sensor's lifespan. It's easy to install, maintain, and integrate into DCS control systems thanks to the 4-20 analog output. Certified according to ATEX and IECEx standards, it can be used in hazardous areas. Its sturdy design provides reliability in challenging environments, with a large LCD screen for clear readings. The kit includes the detector, calibration certificate, and instruction manual.



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## **General Features**

| Dimensions    | H:188 mm L:126 mm P:78 mm                      | Weight             | 1,4 kg  |
|---------------|--|--------------------|---|
| Response time | T90 <5 seconds                                 | Accuracy           | 0 to 100 ppm: ± 10% or ± 1 ppm (whichever is  |
|               |  |                    | greater), 0 to 1000 ppm: ± 10% or ± 1 ppm     |
|               |  |                    | (whichever is greater)                        |
| Temperature   | From -20°C to 50°C (-4 – 122 °F)               | Lamp               | 10.6 eV                                       |
| Range         | 0 to 10 ppm, 0 to 100 ppm, 0 to 1000 ppm (user | Calibration        | Magnetically accessed 100 ppm Isobutylene via |
|               | selectable)                                    |                    | calibration kit accessory                     |
| Approvals     | ATEX: II 3 G Ex nA IIC T4                      | Classificazione IP | IP65** (heavy rain)                           |
| Power         | 5-28 VDC Max 130 mA                            | Sampling           | Diffusion (can be pumped if required using an |
|               |  |                    | adaptor)                                      |
| Sampling      | Diffusion (can be pumped if required using an  |                    |   |
|               | adaptor)                                       |                    |   |