



DOD TECHNOLOGIES

The Leader in Low Level Toxic Gas Monitoring

This robust fixed Continuous VOC Gas Detector is ideal for use in manufacturing and process industries where VOCs are typically present. This device's photoionization technology has a selectable detection range of 0 - 10 ppm, 0 - 100 ppm, or 0 - 1000 ppm.

Engineered with performance in mind, it includes anti-contamination features, in-built humidity resistance, and a variable duty cycle to prolong run time. With a 4-20 mA analogue output, the fixed continuous VOC gas detector can be simply integrated into a Distributed Control System (DCS) to provide warnings and enable control of high VOC levels in your working environment.



ITEM # | CONTINUOUS VOC TVOC2 | GAS DETECTOR

VOLATILE ORGANIC COMPOUNDS

VOCs

AT PPM LEVELS

CONTINUOUS



MONITORING

LOW



MAINTENANCE



TECHNICAL SPECIFICATIONS

SPEC NAME	SPECIFICATION DETAIL
Detection Principle	Photoionization Detection (PID)
Range	0 -10 ppm 0 -100 ppm 0-1,000 ppm
Sampling	Diffusion (pumped with adaptor)
Response	Sensor - $T_{90} < 5$ secs
Accuracy	0-100 ppm: $\pm 5\%$ 100-1,000 ppm $\pm 10\%$
Display	7 segment, 4 digit LCD, 4 color LED
Power	5 - 28 VDC Max 130 mA
Operating Temp.	-4°F to 140°F -20°C to 60°C
Dimensions	7.4"H x 4.9"W x 3"D
Shipping Weight	3.5 lbs.
Output	4-20 mA requires a 8-35 VDC power supply For IS requirements 8-30 VDC power supply
Calibration	Accessed via magnetic switch 100 ppm isobutylene via calibration kit
Ingress Protection	Designed to IP65 Sensor ingress protection IP54
Approvals	II 2G Ex ia IIC T4 Gb ($-20^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$) II 3G Ex nA IIC T4 ($-40^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$) Baseefa05ATEX0277X IECEx BAS 06.0057X



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