



# DOD TECHNOLOGIES

The Leader in Low Level Toxic Gas Monitoring

The Falco Explosion-Proof VOC Gas Detector is a fixed monitor that eliminates false readings found with other continuous VOC detectors in hazardous locations. The Falco has four detection ranges:

- 0 - 10 ppm
- 0 - 50 ppm
- 0 - 1,000 ppm
- 0 - 3,000 ppm

The device includes an Intrinsically Safe sensor for quick and easy servicing without the need for a hot work permit. It's dual certification allows Falco to be serviced and calibrated in a hazardous environment without having to remove power. It is ideal instrument for detecting VOCs in areas such as refineries and petrol chemical facilities.



## ITEM # | EXPLOSION-PROOF FALCO | VOC GAS DETECTOR

VOLATILE ORGANIC COMPOUNDS

# VOCs

AT PPM LEVELS

CONTINUOUS



MONITORING

CLASS I DIV 1



WITH Z-PURGE



## TECHNICAL SPECIFICATIONS

SPEC NAME	SPECIFICATION DETAIL
Detection Principle	Photoionization Detection (PID)
Range	0 -10 ppm   0 -50 ppm   0-1,000 ppm   0-3,000 ppm
Sampling	Diffusion (pumped with adaptor)
Response	T <sub>90</sub> = 30 secs
Accuracy	± 5%
Display	OLED high contrast white on black
Operating Temp.	Operating: - 40 to 50 °C (- 40 to 122 °F)
Dimensions	8.1"H x 7.5"W x 4.9"D
Shipping Weight	6.4 lbs.
Mech. Interface	2 x cable entry points with 3/4" NPT threads
Power	Working voltage: 12 to 40 Vdc Typical 2 W, Max 7 watts
Output	4 - 20 mA 2 programmable relays RS 485 Modbus
Calibration	Accessed via magnetic switch 100 ppm isobutylene via calibration kit
Ingress Protection	Main Unit:IP65 Sensor Head: IP65
Certification	II 2G db ib IIC T4 Gb Class 1, Div 1 Groups ABCD T4 ISO9001:2015



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