



DOD TECHNOLOGIES

The Leader in Low Level Toxic Gas Monitoring

The Titan Fixed Continuous Benzene Detector is wall-mounted with a detection range of 0 - 20 ppm (LDL of 0.1 ppm) to benzene. The Titan samples gas from the environment once per minute and within just 60 seconds an accurate benzene measurement is displayed. The device provides an immediate warning alarm system with two operator configurable levels, ensuring your workers are kept safe and protected to the standards required on site.

Engineered with performance in mind, it includes internally regulated heating for stable operation at extreme temperatures, In-built humidity resistance, and a 2-year warranty.



ITEM # | FIXED CONTINUOUS TITAN | BENZENE DETECTOR

BENZENE GAS DETECTION

C₆H₆

AT PPM LEVELS

CONTINUOUS



MONITORING

LOW



MAINTENANCE



TECHNICAL SPECIFICATIONS

SPEC NAME	SPECIFICATION DETAIL
Detection Principle	Photoionization Detection (PID)
Range	Benzene 0-20 ppm
Sampling	¼"OD PTFE tubing (30 ft max length)
Accuracy	± 0.1 ppm or ± 10 % (whichever greater)
Display	Graphical BW LCD with back light
Operating Temp.	-4°F to 122°F -20°C to 50°C
Dimensions	8.6"H x 8.6"W x 6.8"D
Shipping Weight	33 lbs.
Output	Two isolated outputs (24 V DC @ 1.25 A)
Cable Entry	Two 3/4 NPT gland threads
Power	Vin (nom) 24 V DC @ 3.2 A (recommended)
Data Storage	On board MMC, minimum of 6 months
Ingress Protection	Designed to IP65 (Cable gland dependent)
Communication	Isolated 4 - 20 mA output Isolated RS 485 Modbus USB when lid removed with PC software
Approvals	II 2G Ex d II B+H2 T4 Gb Tamb. = -20 oC to +55 oC IECEX FTZU 140030X ATEX, EMC Conforms to UL 61010-1, UL 60079-0, UL 60079-1 Certified to CAN/CSA-C22.2



Distributed by:
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