

Tox Point 2000/3000

Smart Diffusion Toxic / Oxygen / VOC Gas Detector



KEY FEATURES

- Toxic/Oxygen/VOC gases continuous detecting
- Acquire international certificates such as UL/IECEX/ATEX etc.
- HART communication
- Relay output available
- Built in self-check function
- Able to combine with the small sized explosion proof lamp

Tox Point 2000 & Tox Point 3000 are specialized for detecting Toxic, Oxygen, or VOC gases. They are designed to be explosion-proof to prevent secondary explosions.

CERTIFICATE	
KCs	Ex tD A21 IP66 T85°C, Ex d IIC T6, T4
ATEX	Ex db IIC Gb T6, T4
IECEX	ATEX
NEPSI	IECEX
UL	Refer to website
KR	
MED	
ABS	
BV	

CERTIFICATE	
HART	Refer to website
DNV	
SIL 2	
KCs	
CE	
PESO	
TRCU	
CPA	
TIIS	Ex db IIC Gb

Tox Point 2000/3000

Smart Diffusion Toxic/Oxygen/VOC Gas Detector



SENSOR SPECIFICATION			
Sensor	Measurable gas	Measuring range	Response time
Galvanic cell	Oxygen	Refer to toxic gas	< 15sec / 90%
Electrochemical cell	Oxygen / Toxic gas		< 15sec / 90% (Oxygen) < 45sec / 90% scale (Toxic gas)
Semiconductor cell	VOC gas		Varies by gas
Photo-Ionization Detector(PID)			
DETECTOR SPECIFICATION			
Accuracy	±3% / Full scale		
Parameter control	Non intrusive control with a magnet bar (Calibration, Maintenance)		
Operation mode display	1-LED (Power)		
Measuring value display	LCD display (Built in back light 2-Line, 8 characters) / OLED Type (Option)		
Output signal	Analog: 4-20mA Analog output Maintenance signal: 4mA Calibration signal: 3mA Fault signal: 0mA Digital: 2mA (HART 7, HART Device Description Language Available, Option)		
Material	Housing: ALDC, SUS316 (Option) Sensor: SUS316		
Conduit connection	Standard: PF 3/4" Option: NPT 1/2", NPT3/4", M20 x 1.5P, M25 x 1.5P		
Mounting type	2" Pole mount, Wall mount, Option		
Operating temperature	-40°C ~ 80°C		
Operating humidity	5 ~ 99%.RH (Non-condensing)		
Dimensions	316(W) x 166(H) x 110(D) mm		
Weight	1.5kg		

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