



Tox Point 2000

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 is 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	Upon Request
DNV	
SIL 2	
KCs	
CE	
PESO	
TRCU	
CPA	
TIIS	Ex db IIC Gb

Tox Point 2000

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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