

TOX POINT 1000

TRANSMITTER DIFFUSION OXYGEN & TOXIC GAS DETECTOR



The TOX Point 1000 is a reliable, user-friendly detector for oxygen and toxic gases, built with an explosion-proof design to prevent secondary explosions. It supports 4–20mA output (source or sink) and offers high quality at a competitive price. A built-in FND display allows easy inspection and calibration, which can be performed by a single operator.

FEATURES AND BENEFITS



Targeted Gas Detection

WatchGas TOX Point 1000 is optimized for accurate monitoring of oxygen and toxic gases.



Cost-Effective Performance

Offers high reliability and quality at a competitive price.



4–20mA Output Support

Compatible with both current source and sink configurations.



Explosion-Proof Design

Designed with an explosion-proof structure, ensuring there is no risk of secondary explosions.



Integrated FND Display

Equipped with a built-in FND display for easy inspection and calibration.



Single-Operator Calibration

The calibration process is simple enough to be completed by a single operator.

SENSOR SPECIFICATIONS

Measuring Method	Galvanic cell	Electrochemical cell	
Measuring Gas	O ₂	O ₂	Toxic gas
Measuring Range	*	*	*
Response time	< 15sec / 90% scale	15sec / 90% scale	15sec / 90% scale
Material	SUS316	SUS316	SUS316

* = Refer to Toxic Gas Measuring Range

DETECTOR SPECIFICATIONS

Measuring type	Diffusion type
Accuracy	±3% / Full scale
Output signal	Analog : 4-20mA Analog output
Material	Aluminium alloy
Cable entry thread	Standard : PF 3/4" Option : PF 1/2", M20 x 1.5P, M25 x 1.5P, NPT 1/2", NPT 3/4"
Mounting type	2" Pole mount, Wall mount
Operating temperature	-20°C ~ 60°C
Operating humidity	5 ~ 99%.RH (Non-condensing)
Dimensions	136(W) x 166(H) x 95(D) mm
Weight	1.5kg

DETECTOR CERTIFICATIONS

Explosion-Proof Certification	KCs	Korea Explosion Proof Certification	Ex d IIC T6
Other Certifications	CE(EMC)	European Electromagnetic Certification	-
	-	Thailand Ministry of Energy Certification	

FOR MORE INFORMATION

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Therefore, the specifications and features mentioned in this datasheet
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