

SulfiLogger



H₂S sensor for real-time monitoring in **natural gas** and **biogas** applications

The SulfiLogger™ H₂S sensor continuously measures H₂S enabling optimized process management at natural gas and biogas producing facilities.

Variable chemical dosing based on online H₂S readings ensures exact dosing based on the actual H₂S presence at any given time resulting in a reduction in chemical consumption and running costs.

In other applications, the sensor can be used for reliable quality control or for compliance.

The SulfiLogger™ is designed for industrial applications and delivered with standard connectors for easy installation and maintenance.



- **Continuous online measurements**
- **Designed for natural gas and biogas applications**
- **ATEX-approved (X1 series sensors)**
- **Robust and durable design**
- **Factory calibrated**
- **User-friendly**



Products

SulfiLogger™	S1-1120-1000ppm X1-1120-1000ppm (ATEX)	S1-1020-5mgL X1-1020-5mgL (ATEX)	S1-1120-5mgL X1-1120-5mgL (ATEX)
Application	Online monitoring	Online monitoring	Online monitoring
Environment	Pressurized gases	Wastewater	Pressurized wastewater
Measurement range	0-1000 ppm	0-5 mg/L	0-5 mg/L
Max water depth / pressure	3 barg (44 psi)	10m	3 barg (44 psi)
Input power	20-30V	20-30V	20-30V
Output data	RS-232 or 4-20mA	RS-232 or 4-20mA	RS-232 or 4-20mA
Mounting	In-line Flow cell	Free hanging Wall mounted	In-line Flow cell

Technical specifications

Sensor type	Microelectrochemical
Accuracy	±5% of full range
Detection limit	1% of full range
Response time (t ₉₀)	<25s
Operating humidity range	0-100%
Operating temperature range	0°C - 40°C (32°F – 104°F)
Design temperature range	-20°C – 60°C (-4°F – 140°F)

Mechanical specifications

Length	240 mm
Diameter	Ø48.3 mm / 1 ½" pipe
Weight	0.85 kg
Material	EN 1.4401 / SS 316L

Other specifications

Warranty	12 months**
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Certification*

CE
Ex II 1G Ex ia IIC T4 Ga

* The ATEX certificate applies to X1 series sensors

** 12 months warranty when used in accordance with the installation manual

Specifications subject to change without notice. SulfiLogger / Natural gas and Biogas flyer-2020-11-302



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