OdaLog®

Logger L2

Simple and Effective Gas Monitoring

Key Features

- **Specifically designed for harsh wastewater environments:** unique & proven robust design and double o-rings
- **Longer battery life:** single battery lasts up to 12 months
- **Simplifies record management:** increased memory up to 42,000 data points, proprietary OdaStat-G™ software free to download from website
- **Easy to read display:** large alpha numeric display
- **Two types of sensors:** LL (Long Term) Sensor or SL (Standard) Sensor
- **Certified intrinsically safe** to use in most commonly found hazardous environments
- **Real Time Data:** LL (Long Term) Sensor can be connected to the OdaTrak™ System to transmit gas data via a fibre optic cable

Specifications	
Instrument Temp Range	-20˚C (-4˚F) to 50˚C (122˚F)
Sensor Temp Range	-10˚C (14˚F) to 40˚C (104˚F)
Instrument Relative Humidity Range	15-90% non-condensing
Ingress Protection	IP66/68
External Dimensions	Diameter 62mm (2.44") x Height 196mm (7.72")
Instrument Weight	420 grams / 14.8 oz
Power Supply	Replaceable C-Size Lithium Battery (approved battery type/brand/ make only)
Battery Life/Run Time	Greater than 8 months (for life of lithium battery)
Data Logging Capacity	Up to 42,000 readings in total
Interval	Selectable from 1 second to 1 hour
Data Logging Duration Example	Capacity > Logging interval of 1min = 29 days Capacity > Logging interval of 5min = 6+ months

Typical Applications

- Gas monitoring in manholes, drains and pits
- Odour monitoring in sewer and streaming water
- Ventilation pipes and rising mains
- Inside sewer collection lines
- Selected areas in treatment plants
- Asset management and odour control

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Models

Model	Gas	Part Number	Range	Resolution	Accuracy (Full Scale)	Accuracy (@ 20ppm gas, STP)
Long Term Logger (LL)	H_2S Hydrogen Sulphide	ODALL-H2S-1000	0-1000 ppm	1 ppm	1% Full Scale	± 2ppm
		ODALL-H2S-200	0-200 ppm	0.1 ppm	1% Full Scale	
Standard Logger (SL)	H_2S Hydrogen Sulphide	ODASL-H2S-2000	0-2000 ppm	1 ppm	2% Full Scale	
		ODASL-H2S-1000	0-1000 ppm	1 ppm	1% Full Scale	
		ODASL-H2S-200	0-200 ppm	0.1 ppm	1% Full Scale	
		ODASL-H2S-50	0-50 ppm	0.1 ppm	4% Full Scale	
Real Time Long Term Logger (LL)	H_2S Hydrogen Sulphide	ODALL**TF**-H2S-1000	0-1000 ppm	1 ppm	1% Full Scale	
		ODALL**TF**-H2S-200	0-200 ppm	0.1 ppm	1% Full Scale	

Please refer to OdaTrak Data Sheet for further information on real time data access

NOTE: STP = Standard Temperature and Pressure: 20˚C (68˚F) @ absolute pressure 101.3 kPa (14.7 psi)

Servicing

We recommend that the OdaLog® L2 is returned to an authorised OdaLog® service centre at least once every six months for a full inspection, calibration and linearity testing.

Warranty

12 month warranty when used in accordance with the operator's manual (excluding calibration and freight costs).

Software

The OdaLog® L2 needs to be used in conjunction with our proprietary software OdaStat-G™ for retrieval and analysis of all your logged data. The software may be downloaded, free-of-charge, from our website.

Certification / Approval

IECEx ITA 08.0010**X**	Nemko08ATEX1270
Ex ia IIC T4 **Ga**	Ex II 2 G
(T_{AMB} = -20˚C to 50˚C)	Ex ia IIC T4
IP66/68	IP66/68

In the interest of continued improvement, we reserve the right to change design features and specifications without prior notice.

Our ability to provide software and support is dependent on applicable export control laws (including those of the United States) and the export policy from time to time of Thermo Fisher Scientific Inc.

For more information, contact Thermo Fisher Scientific

In Australia:
For customer service, call 1300-735-292
To fax an order, use 1800-067-639
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