



OdaLog[®] Logger L2

Simple and Effective Gas Logging & Monitoring!

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

OdaLog Type L2

The OdaLog[®] has been specifically designed to withstand harsh environments typically found in the Wastewater Industry. The OdaLog[®] is primarily used by locating it at or close to the source of Hydrogen Sulphide emissions such as within sewerage pumping stations and receiving manholes. Its purpose is to log gas levels to help control levels of H₂S gas in sewerage systems and treatment plants for later reviewing using OdaStat-E software application.

Features & Benefits

- Purpose designed for harsh wastewater environments
 - > Unique & proven robust design
 - > 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-E[™] software
- Easy to read display
 - > Large alpha-numeric display
- Faster downloading
 - > True IrDA communication link
- Certified intrinsically safe
 - > Safe to use in most commonly found hazardous environments
- Two different types of sensors
 - > LL (Long Term) Sensor or SL (Standard) Sensor

Certification / Approvals

IECExITA 08.0010
Ex ia IIC T4
(T_{AMB} = 200°C to +500°C)
IP66/68



Nemko08ATEX1270
Ex ia IIC T4 IP66/68*
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OdaLog Logger 2

Servicing & Warranty

We recommend that the OdaLog® L2 is returned to an authorised App-Tek service centre at least once every six months for a full inspection, calibration and linearity testing. A 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-E™ for retrieval and analysis of all your logged data.

Specifications	
Instrument Temp	Range -20°C (-4°F) to 50°C (122°F)
Sensor Temp	Range -10°C to +40°C (14°F to 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	Capacity > Logging interval of 1min = 29 days
Duration Example	Capacity > Logging interval of 5min = 6+ months

Models/Ranges						
Model	Gas		Range	Resolution	Accuracy (Full Scale)	Accuracy (@ 20ppm gas, STP)
Long Term Logger (LL)	H ₂ S	Hydrogen Sulphide	0-1000 ppm	1 ppm	1% Full Scale	
			0-200 ppm	0.1 ppm	1% Full Scale	
			0-2000 ppm	1 ppm	2% Full Scale	
Standard Logger (SL)			0-1000 ppm	1 ppm	1% Full Scale	
			0-200 ppm	0.1 ppm	1% Full Scale	
			0-50 ppm	0.1 ppm	4% Full Scale	
SL	CO	Carbon Monoxide	0-1000 ppm	1 ppm	2% Full Scale	± 2ppm
SL	SO2	Sulphur Dioxide	0-20 ppm	0.5 ppm	10% Full Scale	
SL	NO	Nitric Oxide	0-100 ppm	1 ppm	2% Full Scale	
SL	NO2	Nitrogen Dioxide	0-50 ppm	0.1 ppm	4% Full Scale	
SL	CL2	Chlorine	0-20 ppm	0.1 ppm	10% Full Scale	
SL	HCN	Hydrogen Cyanide	0-30 ppm	0.2 ppm	6% Full Scale	
SL	NH3	Ammonia	0-100 ppm	1 ppm	10% Full Scale	

NOTE: STP = Standard Temperature and Pressure: 200C (680F) @ absolute pressure 101.3 kPa (14.7 psi)

preserving the environment

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Certificate No. 7174

