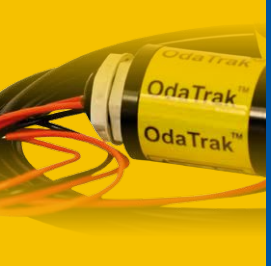


OdaLog®

OdaTrak™ System

Odour Control Solution - Designed specifically for the OdaLog L2

Key Features

- **Specifically designed for harsh wastewater environments:** unique adapter fully sealed, proven & robust design
- **Quick & easy installation:** standard M20 electrical thread, special machined housing for easy mounting of the OdaTrak™ fibre optic cable
- **Programmed fault detection:** OdaTrak™ detects loss of data from the OdaLog®, will output a fault signal on the 4-20mA line alerting user to fault condition
- **Special fibre optic cable:** safe to use in most commonly found hazardous environments.
- **Two models are available**, both with stainless steel connectors;
  1. standard coating for the fibre optic cable 2. extra protective sheath added over the cable for harsher wastewater environments.
- **Easy to transmit data** incorporates a 4-20mA adapter to transmit gas data using a fibre optic cable
- **Real time data** readily available when connected to a PLC network

Typical Applications

- Water Authorities
- Odour Control Companies
- Chemical Vendors
- Water Treatment Plant Municipalities
- Existing OdaLog® L2 Users

Specifications

Instrument Temp Range	-10°C (14°F) to 40°C (104°F)
External Dimensions	40mm diameter x 85mm long
Weight	150grams / 5.3oz
Relative Humidity Range	15-90% (non-condensing)
Pressure range	Atmospheric ± 10%
Maximum loop-to-housing voltage	28VDC
Loop supply voltage limits **Normal operating voltage:** **Absolute min/max limits**	12VDC to 24VDC (regulated supply - no ripple) 8VDC to 28VDC Note: The OdaTrak™ adapter is powered from the 4 to 20mA loop.
Maximum loop resistance	112 ohms at 12VDC, 602 ohms at 24VDC
0% FSD	4.0mA
100% FSD	20.0mA
Under range limit, - 2.5% FSD	3.6mA
Over range limit, +20% FSD	23.2mA
Fault signal	3.5mA
Loss of OdaLog® link timeout	30 seconds
Ingress Protection rating	IP66
Fibre optic cable length	5 metres to 100 metres
Fibre optic cable min. bend radius	40mm

Models

Part Number	Description
LLTF-H2S-200	OdaLog® Fibre Optical H_2S 0-200ppm
LLTF-H2S-1000	OdaLog® Fibre Optical H_2S 0-1000ppm
25-0356	OdaTrak™ Adapter Assembly
12-0008	Fibre Optic Cable 5 mts
12-0009	Fibre Optic Cable 10 mts
12-0010	Fibre Optic Cable 25 mts
12-0011	Fibre Optic Cable 50 mts
12-0012	Fibre Optic Cable 100 mts

Cable with Additional Protective Sheath	
12-0008SS	Fibre Optic Cable 5 mts
12-0009SS	Fibre Optic Cable 10 mts
12-0010SS	Fibre Optic Cable 25 mts
12-0011SS	Fibre Optic Cable 50 mts
12-0012SS	Fibre Optic Cable 100 mts

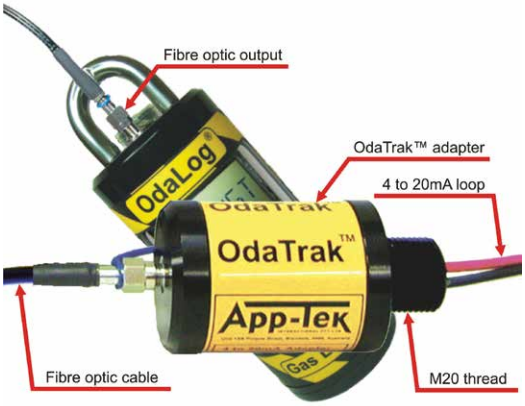
How It Works

Data sent from the OdaLog® L2 logger via fibre optic cable is read by the OdaTrak™ adapter. This then outputs the corresponding signal on a 4-20mA loop which is powered externally.

The system enables the OdaLog® L2 to be interfaced with telemetry and control systems to provide the user with real time gas data.

The OdaTrak™ System requires two long term OdaLog® loggers with each logger (LL-TF) in service no longer than four weeks, whilst the other OdaLog® Logger is stored in fresh air.

The OdaTrak System is not intrinsically safe.



SERVICING

The OdaTrak™ adapter requires no regular servicing. However, 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 months warranty for the OdaLog® L2 and the OdaTrak™ System when used in accordance with the operator's manual (excluding calibration and freight costs).

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.

ThermoFisher SCIENTIFIC

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