

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
- **Real time data** readily available when connected to a PLC network

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	8VDC
Loop supply voltage limits	12VDC to 24VDC (regulated supply - no ripple)
Normal operating voltage:	8VDC to 28VDC
Absolute min/max limits	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

Typical Applications

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

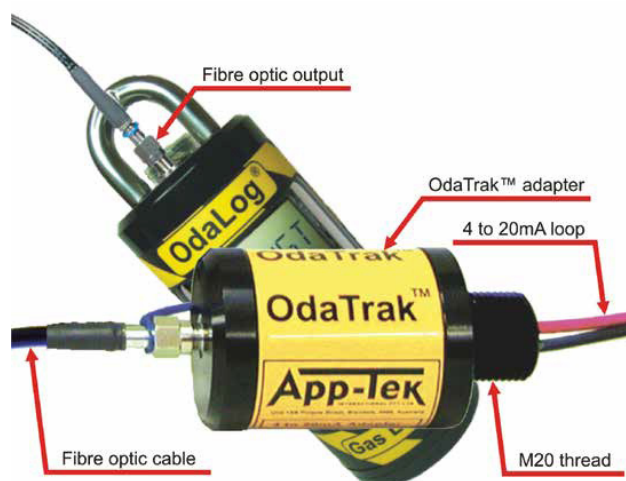


Models

Part Number	Description
ODALLTF-H2S-200	OdaLog® Fibre Optical H2S 0-200ppm
ODALLTF-H2S-1000	OdaLog® Fibre Optical H2S 0-1000ppm
ODA25-0356	OdaTrak™ Adapter Assembly
ODA12-0008	Fibre Optic Cable 5 mts
ODA12-0009	Fibre Optic Cable 10 mts
ODA12-0010	Fibre Optic Cable 25 mts
ODA12-0011	Fibre Optic Cable 50 mts

Cable with Additional Protective Sheath

ODA12-0008SS	Fibre Optic Cable 5 mts
ODA12-0009SS	Fibre Optic Cable 10 mts
ODA12-0010SS	Fibre Optic Cable 25 mts
ODA12-0011SS	Fibre Optic Cable 50 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.

For more information, contact Thermo Fisher Scientific

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