

FIELD

TRACE OXYGEN TRANSMITTER



98 TRANSMITTER

APPLICATIONS

- HEAT TREATING
- AIR SEPARATION
- GLOVE BOXES
- INERT GAS GENERATORS
- CHEMICAL MANUFACTURING
- PROCESS DRYERS
- VESSEL BLANKETING
- PHARMACEUTICAL PROCESSING
- PHARMACEUTICAL MANUFACTURING
- ANAEROBIC CHAMBERS
- FOOD PROCESSING
- BEVERAGE PROCESSING

SPECIAL FEATURES

- WIDE NUMBERS OF RANGES
- EXCEPTIONAL SPEED OF RESPONSE
- RUGGED AND VERSATILE CONSTRUCTION
- ECONOMICALLY PRICED
- ELECTROCHEMICAL SENSOR
- INTRINSICALLY SAFE & EX-PROOF MODELS
- WITH / WITHOUT INTEGRAL DISPLAY

DESCRIPTION

The Series 98 Trace Oxygen Transmitter features an advanced electrochemical oxygen sensor that provides exceptional performance, accuracy, stability, long-life & speed of response. The Series 98 Trace Oxygen Transmitter is a true two wire transmitter offering an economical way to make accurate and dependable measurements of trace oxygen in a variety of gases.

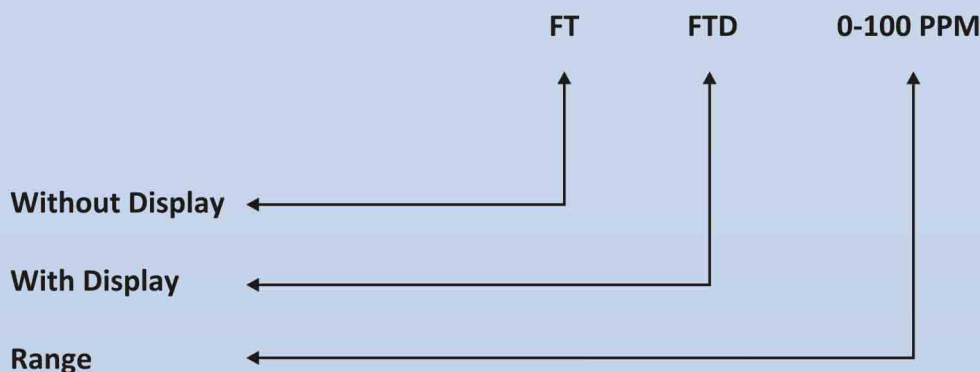
The Weather Proof 98 Trace Oxygen Transmitter is both dustproof and waterproof, and is rated for NEMA 4 (IP66) service. The instrument is loop powered from 14-32 VDC, and provides a 4-20 MADC output that can be transmitted to a datalogger, recorder, PLC, DCS, etc. Optional accessories include a pressure regulator and in-line sample filter, flowmeter etc. Additional sample conditioning is available.

SPECIFICATIONS

Sample Flow Rate	:	1.0 to 2.0 SCFH (0.5 to
1 Accuracy	:	+1% of full scale. 1.0 litres/min.)
Linearity	:	+1% of full scale.
Electrical Input / Output	:	14-32 VDC @ 4-20 mADC.
Response Time	:	90% of full scale in less than 10 seconds typical.
Loop Resistance	:	RL (K ohms max)=Input VDC-12
Sensor Type	:	Electrochemical Sensor.
Warranty	:	2 years electronics/1 year sensor.
Temperature Compensation	:	Standard. CONSTRUCTION
Enclosure	:	Polycarbonate-rated NEMA 4(IP66)
Operating Temp. Range	:	(00 to 500C).
Gas Connections	:	¼" Compression fittings
Sample Gas Pressure Limits	:	14 to 14.2 kg/cm ² (0.1 to 1 psig).
Dimensions	:	5.5 in. (139.9 mm) length. 8.8 in. (223.5 mm) width. 3.4 in. (86.4 mm) deep.

ORDERING INFORMATION

MODEL EXPO - 98	:	EXPLOSION PROOF
MODEL WP - 98	:	WEATHER PROOF



OTHER RANGE OF PRODUCTS

Gas Monitor, Gas Analyser, Transmitters, Humidity Moisture Dew Point Analyser
Dew Point Transmitters, Sampling Systems, UV Flame Detector
Dust Monitor

Note : Specifications and Features will vary with application. The above are established and validated during design, but are not to be construed as test criteria for every product. Due to endee's commitment to research, design and product improvement, specifications are subject to change without notice.



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