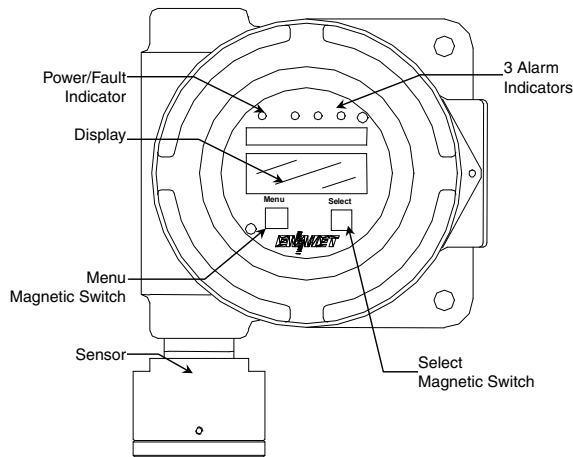


EX-5155

Sensor/Transmitter For Toxic Hydrocarbons & Organic Solvents

FEATURES

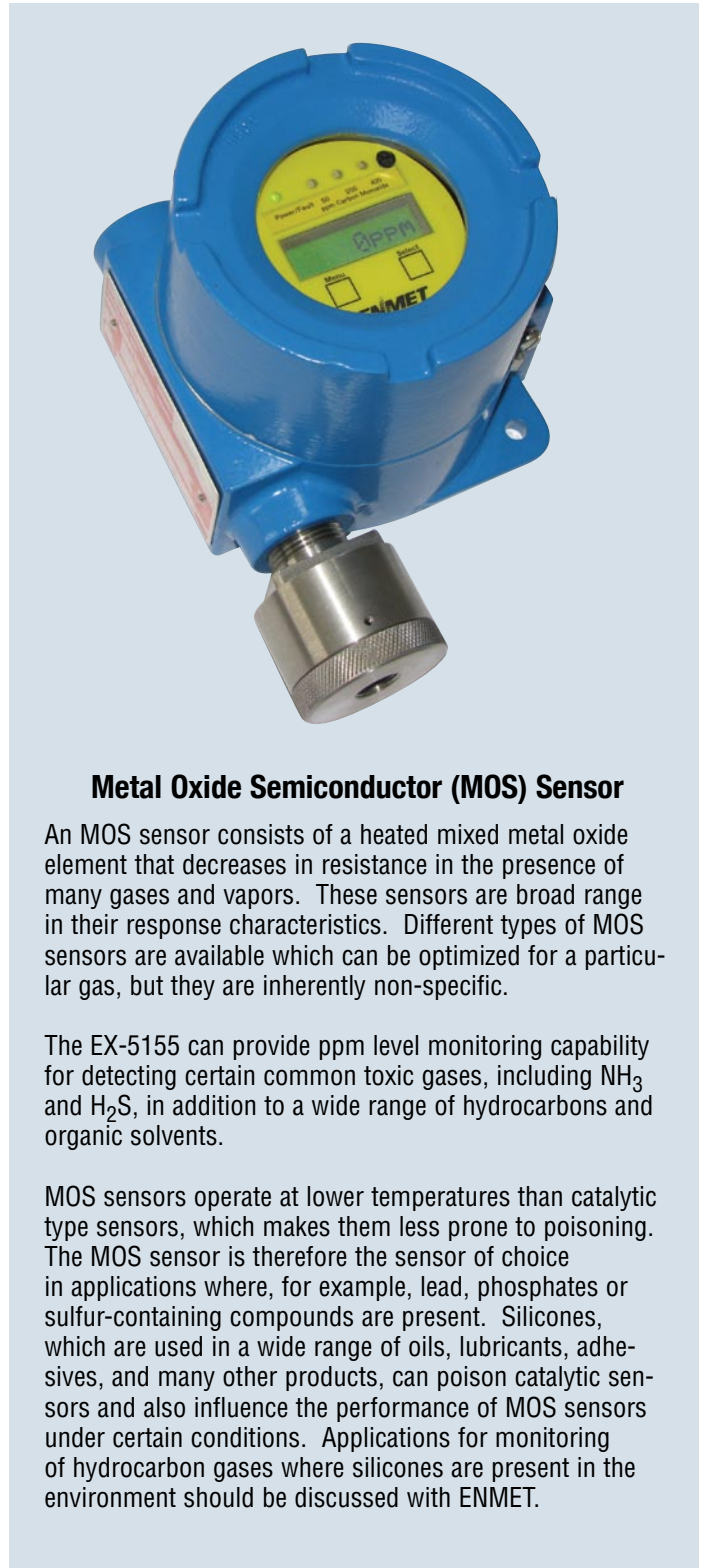
- Solid-State MOS Sensor
- Three Alarm LEDs
- NEMA 4X, NEMA 7 and IP66 Rated Enclosure
- 24 VDC, 4-20 mA
- Liquid Crystal Display
- Non-Intrusive Calibration
- Approved for Class I, Division 1, Groups B, C, & D



EXAMPLES of Some Typical Calibrations

Gas/Vapor	Range
Acetone.....	2000 ppm
Ammonia.....	300 ppm
Methyl alcohol.....	400 ppm
Methyl chloride.....	200 ppm
Toluene.....	400 ppm
MEK.....	400 ppm
Styrene.....	100 ppm
1,1,1,2-Tetrafluoroethane.....	2000 ppm
Methyl perfluoropropyl ether.....	2000 ppm
Methylene chloride.....	200 ppm
Xylene.....	400 ppm
Isopropanol.....	100 ppm

In general, the EX-5155 can be calibrated for ppm concentrations of Hydrocarbons, Halogenated Hydrocarbons, Jet Fuels, Refrigerants, Organic Solvents, Esters, Ethers, Alcohols, Ketones, and other similar compounds and mixtures.



Metal Oxide Semiconductor (MOS) Sensor

An MOS sensor consists of a heated mixed metal oxide element that decreases in resistance in the presence of many gases and vapors. These sensors are broad range in their response characteristics. Different types of MOS sensors are available which can be optimized for a particular gas, but they are inherently non-specific.

The EX-5155 can provide ppm level monitoring capability for detecting certain common toxic gases, including NH_3 and H_2S , in addition to a wide range of hydrocarbons and organic solvents.

MOS sensors operate at lower temperatures than catalytic type sensors, which makes them less prone to poisoning. The MOS sensor is therefore the sensor of choice in applications where, for example, lead, phosphates or sulfur-containing compounds are present. Silicones, which are used in a wide range of oils, lubricants, adhesives, and many other products, can poison catalytic sensors and also influence the performance of MOS sensors under certain conditions. Applications for monitoring of hydrocarbon gases where silicones are present in the environment should be discussed with ENMET.



EX-5155 Sensor/Transmitter For Toxic Hydrocarbons & Organic Solvents

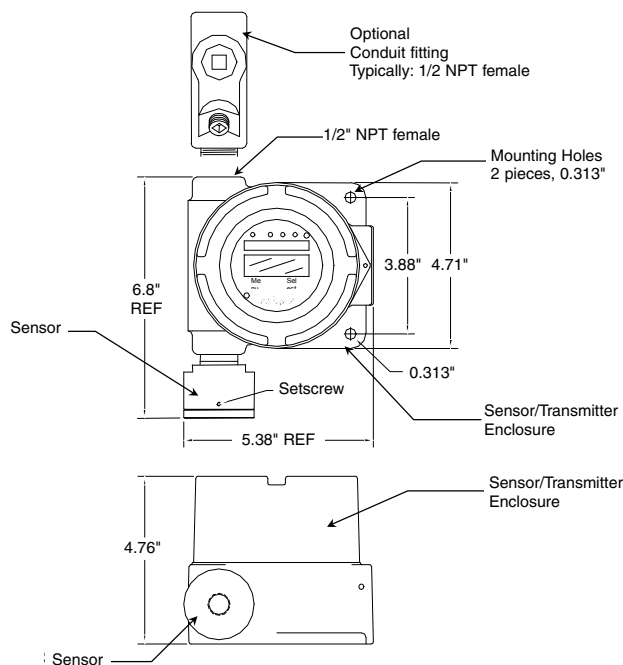
SPECIFICATIONS

- Voltage:** 24 VDC, Loop powered
- Output:** 4-20 mA
- Installation:** 3-wire, typically 16 to 18 AWG, depending upon distance
- Connection:** 1/2 inch NPT, conduit
- Display:** 8-character, single-line, backlit LCD
- Alarm Indicators:** 3 LEDs at programmable set points
- Menu/Calibration:** Magnet actuated switches
- Sensor:** Metal Oxide Semiconductor (MOS)

Approvals:

Approved for Class I, Div. 1, Groups B,C, & D

Classified to:
UL 916 (3rd ed.) and UL 1203 (4th ed.)
CSA 22.2, No. 0-M91, 30-M1986 and 142-M1987



OPTIONS & RELATED PRODUCTS

GAS SAMPLERS:

Numerous sample draw options are offered, including venturi-type pumps.

CONTROLLERS:

CP-10, CP-60 and MX Series
Controllers are available, 1 to 16 Channels.

TOXIC GAS SENSOR/TRANSMITTER:

SDS-XXXX-97D Series Sensor/Transmitters are available for monitoring oxygen and a wide range of toxic, primarily inorganic, gases.

COMBUSTIBLE SENSOR/TRANSMITTER:

The EX-5100 utilizes a pellistor/catalytic sensor for % LEL hydrocarbons.

INFRARED SENSOR/TRANSMITTER:

The IR-6000 is an infrared-based sensor/transmitter for % LEL hydrocarbons.

NOTE: Loss of primary power renders continuous gas monitors inoperative. Contact factory for specifications and pricing for backup battery systems compatible with ENMET monitors.

ORDERING INFORMATION

Description	Part Number
EX-5155 Sensor/Transmitter.....	10014-018
supplied with magnet and instruction manual	

Replacement Parts & Accessories

Replacement Magnet.....	50030-001
Instruction Manual.....	80003-098
Optional Sealing Fitting.....	73152-000
Sensor (typical P/N, gas dependent, consult ENMET).....	03015-000

Calibration Equipment

Regulator and Humidifier Assembly for 17 liter	03700-008
Gas Cylinders, (for gases other than Toluene & Ammonia)	
Also order P/N 03700-034	
Regulator and Humidifier Assembly for 58 and 34 liter.....	03700-009
Gas Cylinders (for Toluene & Ammonia)	
Also order P/N 03700-034	
Calibration Adapter for Sensor.....	03700-034
Case – Holds Calibration Hardware and up to two 34 liter...	73083-000
or two 17 liter Gas Cylinders	
Case – Holds Calibration Hardware and up to four 17 liter...	73083-002
Gas Cylinders, or two 58 liter Gas Cylinders	

Calibration Gas Cylinders — See Price List



Specifications subject to change without notice