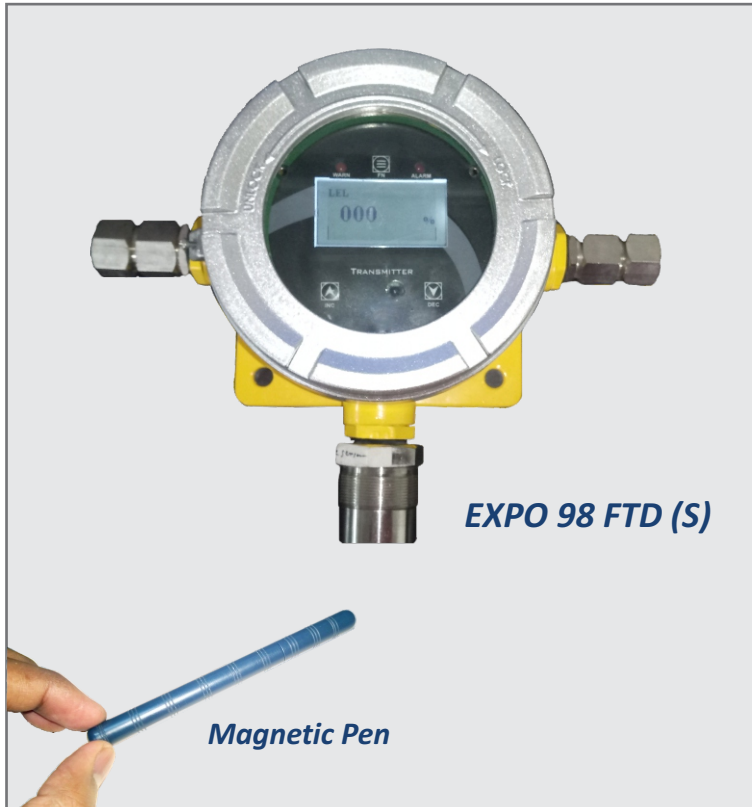


FIXED TRANSMITTER

FOR EXPLOSIVE, OXYGEN AND TOXIC GASES



EXPO 98 FTD (S) SMART TRANSMITTER

ENDEE's field proven micro-controller based gas specific transmitters are configured with minimal cross interference.

It continuously monitors dangerous concentration of specified gas.

The output transmission can interface directly with any receiving instrument / system.

The standard transmitter consists of a compact electronic module housed in a explosion proof metallic enclosure, with an application specific sensor.

This state-of-the-art transmitter is carefully designed and manufactured with industrial grade components for reliability, accuracy and long life.

SPECIAL FEATURES

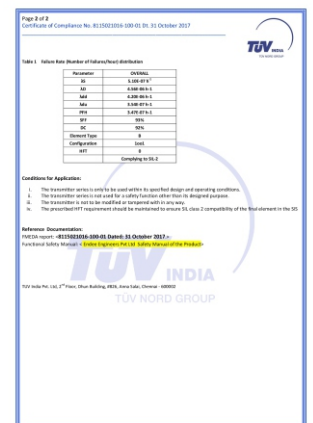
- Standard 4-20 mA
- Explosion Proof
- Relay Output (Optional)
- RS 232 / RS 485 (MODBUS) (Optional)
- IP 65 & IP 55 Rating
- Easy Sensor Replacement
- 3 Wires Technology
- Non-Intrusive Calibration thru Magnetic Pen
- Approvals - CCOE, CMRI, SIL2, DGMS for Zone 1 & 2, IIA, IIB, IIC area

APPLICATIONS

- Oil & Gas Industries
- Chemical Processing Plant
- Acid Alkalizes & Dyes Mfg. Plants
- Refineries
- Chemical Storage Area
- Sewage Plants
- Power & Industrial Plants
- Gas Pipeline Project
- Heat Treatment Plants

SPECIFICATIONS

Type	: Field / Wall mounting
Detectable gases / parameters	: Toxic, Combustible, Oxygen
Power supply	: 24 V DC
Display	: Graphic LCD
Alarm	: Optional
Output	: 4 - 20 mA Standard + Relay (Optional)
Digital output	: RS 232 / RS 485 (MODBUS) (Optional)
Technology	: All sensors
Resolution	: 1 %V/V, 1 %LEL, 1 PPM (0.1 - optional)
Accuracy	: ± 2% FS
Response time	: Less than 30 sec
Operating temperature	: 0 - 55 °C
Terminations	: 3 Wires
Housing	: Die Cast Aluminium
Accessories (optional)	: For 3 Wire only - Buzzer, Mounting Bracket, Canopies, Splash Guard, Calibration Cap
Keys	: Non-Intrusive Operation thru Magnetic Pen
Approvals	: CCOE, CMRI, SIL2, DGMS



GASES AND RANGES

1. Explosive gas	: 0 - 100 %LEL	7. HCN	: 0 - 200 PPM
2. CO	: 0 - 200 PPM	8. CO2	: 0 - 100 %V/V
3. HCL	: 0 - 200 PPM	9. VOC	: 0 - 1000 PPM
4. NH3	: 0 - 200 PPM	10. H2S	: 0 - 300 PPM
5. O2	: 0 - 25 %V/V	11. NO	: 0 - 200 PPM
6. SO2	: 0 - 500 PPM	12. NO2	: 0 - 200 PPM

Note : Images shown are indicative only. Specifications and Features will vary with application. There may be changes overtime due to continuous development process. @ 2018



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