



Certified By
TUVINDIA



FIXED GAS TRANSMITTER

FOR EXPLOSIVE, OXYGEN AND TOXIC GASES



EXPO 98 FTD (S) SMART TRANSMITTER

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

It continuously monitors the dangerous concentration of specified gases.

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 485 (MODBUS) (Optional)
- IP 65 & IP 66 Rating
- Easy Sensor Replacement
- 2 or 3 Wire Technology

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

Note : Images shown are indicative only. Specifications and Features will vary with application. There may be changes overtime due to continuous development process. @ 2026



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SPECIFICATIONS

Type	:	Field / wall mounting
Detectable gases / parameters	:	Toxic, combustible, oxygen
Power supply	:	Rechargeable battery, 3.6 V DC
Display	:	Graphic LCD
Alarm	:	Optional
Output	:	4-20 mA standard + Relay (Optional) for 3 wire only
Technology	:	All sensors
Range	:	%V/V, %LEL, PPM
Resolution	:	1% LEL, 1 PPM, 1% V/V
Accuracy	:	± 2 % of FS
Response time	:	< 30 Sec
Operating temperature	:	0 - 55 °C
Termination	:	2 or 3 Wires
Housing	:	Explosion Proof- Die Cast Aluminium Weather Proof-Plastic
Accessories (optional)	:	Buzzer (for 3 Wire only), Mounting Bracket, Canopy, Splash Guard, Calibration Cap
Mounting holes (Ex-proof) (Weather proof)	:	2 holes, 8 mm, Spaced at 140/133 mm 4 holes, 6 mm, Spaced at 860/860 mm

GASES AND RANGES

01. Explosive Gas	:	0-100	%LEL	05. NH ₃	:	0-200	PPM	09. HCN	:	0-200	PPM
02. CO	:	0-200	PPM	06. O ₂	:	0-25	%V/V	10. CO ₂	:	0-100	%V/V
03. HCL	:	0-200	PPM	07. SO ₂	:	0-500	PPM	11. VOC	:	0-1000	PPM
04. H ₂ S	:	0-300	PPM	08. NO	:	0-200	PPM	12. NO ₂	:	0-200	PPM

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