



## FIXED TRANSMITTER

### FOR EXPLOSIVE, OXYGEN AND TOXIC GASES

## EXPO 98 FTD/FLT WP 98 FTD/FLT

ENDEE's field proven 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 weather proof or explosion proof metallic box, 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 / Weather Proof
- Relay Output (Optional)
- IP 65 & IP 55 Rating
- Easy Sensor Replacement
- 2 or 3 Wires 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

## SPECIFICATIONS

Type	: Field / Wall Mounting
Detectable gases / parameters	: Toxic, Combustible, Oxygen
Power supply	: 24 V DC
Display	: LED for 3 Wire only / LCD
Alarm	: Optional
Output	: 4 - 20 mA Standard + Relay (Optional)
Technology	: All Sensors
Resolution	: 1 %V/V, 1 %LEL, 1 PPM
Accuracy	: $\pm 2\%$ FS
Response time	: Less than 30 sec
Operating temperature	: 0 - 55 °C
Terminations	: 2 or 3 Wires
Housing	: Explosion Proof - Die Cast Aluminium Weather Proof - Plastic
Accessories (optional)	: For 3 wire only - Buzzer, Mounting Bracket, Canopies, Splash Guard, Calibration Cap
Mounting holes (Ex-proof)	: 2 holes, 8 mm, Spaced at 140/133 mm
(Weather proof)	: 4 holes, 6 mm, Spaced at 860/860 mm
Approvals	: CCOE, CMRI for Expo 98 FTD / FLT

## GASES AND RANGES

1. Explosive gas	: 0 - 100 %LEL	7. HCN	: 0 - 200 PPM
2. CO	: 0 - 200 PPM	8. CO <sub>2</sub>	: 0 - 100 %V/V
3. HCL	: 0 - 200 PPM	9. VOC	: 0 - 1000 PPM
4. NH <sub>3</sub>	: 0 - 200 PPM	10. H <sub>2</sub> S	: 0 - 300 PPM
5. O <sub>2</sub>	: 0 - 100 %V/V	11. NO	: 0 - 200 PPM
6. SO <sub>2</sub>	: 0 - 500 PPM	12. NO <sub>2</sub>	: 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