

# Field / Wall Mount Field Transmitters

Model : TX - 250



Protects **Personnel, Plant  
& Assets**

## FOR EXPLOSIVE, OXYGEN AND TOXIC GASES



TX-250 EX



TX-250 B



TX-250 WP

## TECHNOLOGY

HNL'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

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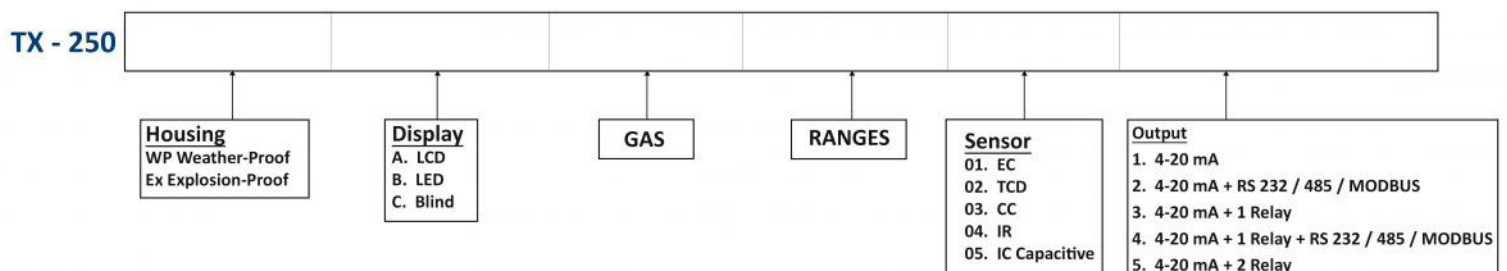
## SPECIFICATIONS

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	± 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 & RANGES

Explosive gas	: 0 - 100 %LEL	O <sub>2</sub>	: 0 - 25 %V/V	VOC	: 0 - 1000 PPM
CO	: 0 - 200 PPM	SO <sub>2</sub>	: 0 - 500 PPM	H <sub>2</sub> S	: 0 - 300 PPM
HCL	: 0 - 200 PPM	HCN	: 0 - 200 PPM	NO	: 0 - 200 PPM
NH <sub>3</sub>	: 0 - 200 PPM	CO <sub>2</sub>	: 0 - 100 %V/V	NO <sub>2</sub>	: 0 - 200 PPM

## ORDERING INFORMATION



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