

# 2X - SERIES

# GAS DETECTOR / TRANSMITTERS



IIA & IIB

Magnetic Wand



IIC

## FEATURES

- Non-intrusive calibration via Magnetic Wand
- 4-20 mA & digital Modbus output standard
- Direct digital readout on backlit LCD
- Operates independent of a controller
- Fully programmable Alarm relays & Fault relay
- Explosion proof housing
- Available for Combustible, Oxygen & Toxic Gases
- User friendly setup, push buttons & LCD menu
- Uses reliable long life sensors

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## TECHNICAL SPECIFICATIONS

	COMBUSTIBLE	TOXIC	OXYGEN
<b>Model No.</b>	2X-FL	2X-TX	2X-TX
<b>Gas Range</b>	All Combustible gases 0 - 100% LEL 0 - 100% VOL Combustible gas	CO, SO <sub>2</sub> , HCN, HCL, NH <sub>3</sub> , H <sub>2</sub> S, VOC, BENZENE, NO, NO <sub>2</sub> , PH <sub>3</sub> , H <sub>2</sub> , Cl <sub>2</sub> , HF, BR <sub>2</sub> 0 - 5, 10, 15, 25, 50, 100, 250, 500, 1000 PPM (to be specified)	Oxygen 0 - 30% VOL 0 - 100% VOL
<b>Sensor Type</b>	Catalytic combustion OR Infrared	Electro Chemical OR Semi Conductor OR PID	Electro Chemical OR Galvanic
<b>Sampling</b>	Diffusion (Optionally can be integrated with sampling system)		
<b>Output</b>	Analog : 4-20 mA linear (non isolated) Digital : Modbus RTU output standard, fully configurable 2 wire RS-485		
<b>Display</b>	Alpha numeric display with back light (Auto) 2 lines, 8 Character per line		
<b>Alarm Indication</b>	Individual LED Indication for Alarm 1, Alarm 2, Over range & Fault Fully programmable alarm set points, Increasing / decreasing, latching / self resetting		
<b>Relays</b>	SPDT contact for Alarm 1, Alarm 2 & Fault rated 5amp, 230V AC Normally energized or de-energized (User Programmable)		
<b>Response Time</b>	< 30 sec for T90		
<b>Operating Voltage</b>	18 - 32 V DC		
<b>Controls</b>	Magnet used for calibration functions, calibration without opening the housing Internal push-button controls also available for calibration and setup		
<b>Protection</b>	Flame proof, weather proof certified for IIA, IIB & IIC Gas Group		
<b>Operating Temperature</b>	-0° to 60° C		
<b>Humidity</b>	0 - 95 % RH (non-condensing)		
<b>Applicable Cable</b>	3 core, 1.5 Sq.mm.	2/3 core, 1.5 Sq.mm.	2 core, 1.5 Sq.mm.
<b>Optional Accessories</b>	Rain canopy, Mounting stands, Sampling system, Trilog software		

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121, Veena Industrial Estate, L.B.S. Marg,  
Opp. Fitwell House, Vikhroli (W),  
Mumbai - 400 083, India.

**Phone** : 6796 9990 / 2577 7288 / 6451 6029

**Fax** : 91-22-6796 9991

**E-Mail** : [info@tritech.in](mailto:info@tritech.in), [sales@tritech.in](mailto:sales@tritech.in)

**Website** : [www.tritech.in](http://www.tritech.in)

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