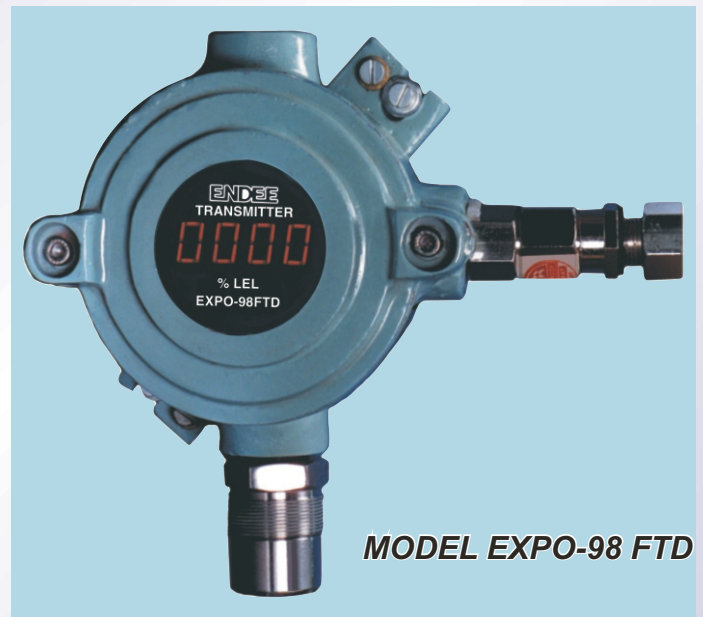


TRANSMITTER WITH LOCAL DISPLAY

FOR EXPLOSIVES & TOXIC GASES & OXYGEN

ENDEE Ex-proof Transmitter Continuously monitors for dangerous concentrations of gases. The 4-20 mA transmission can interface directly with your computer data logger controller or recorder. The standard system consists of a compact electronic or micro-controller based module housed in explosion proof housing box with an application specific gas sensor with a linearised or digital output.



This state of the art transmitter is designed for reliability and long life with industrial grade components. It is available with several options, with or without local indication, painted or powder coated aluminum junction boxes, standard or fully sealed electronics assemblies, suitable for offshore and other highly corrosive atmospheres.

The Transmitter is certified intrinsically safe and housed in Explosion Proof Junction Box. It is rated Explosion Proof for use in hazardous areas Class 1, Division 1, Group A, B & C.

Transmitters with Electrochemical Sensors for various gases are readily available in measurement ranges as per the customer's requirement. While Combustible and Toxic Gas Transmitters with Catalytic and Solid State Sensors are three wire type, Electrochemical based transmitters can be supplied both in two wire or three wire versions.

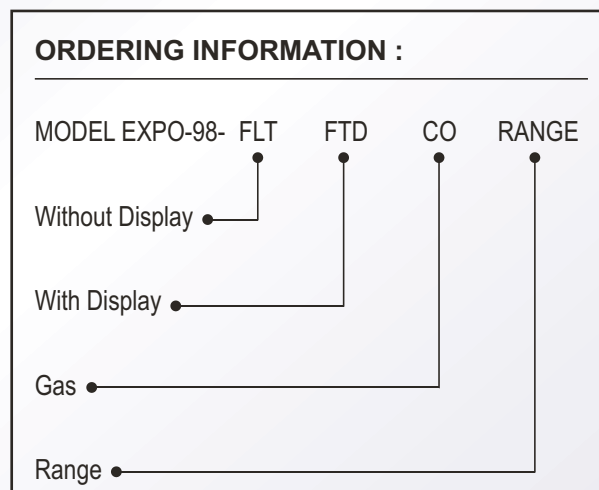
TECHNICAL SPECIFICATIONS

Gases & Ranges

Gases	Oxygen					Hydrocarbon, Hydrogen				
						LEL	PPM	% age		
Range	0 - 25 %					0-100 %	0-1000	0-100		
Detection Principle	Electrochemical					Catalytic	Semiconductor	Thermal		
						Combustion	Electrochemical	Conductivity		
Gases	H ₂ S	CO	SO ₂	H ₂	HCHO	HCL	HCN	NO ₂	N ₂ H ₄	Co ₂
Range	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%
Max.	1000	250	2000	500	10	200	200	15	1	100%
Min.	5	0	3	10	3	5	10	3	0	0.3
Detection Principle	Application Based Electrochemical Or Semiconductor									

* The minimum & maximum ranges and the gases indicated are intended as a guide for full scale detection.

Response Time	:< 2 seconds
Zero drift	:0.2% Fs half yearly
Linearity	:± 2% Fs
Accuracy	:± 1%
Repeatability	:± 2%
Operating Voltage	:24 Volt DC
Operating Temperature	:0-50°C
Analog Output	:4 - 20 mA / 0.5v
Certification	:Exproof / Intrinsically Safe
Digital Output	:RS 232/ RS 485 modulous RTU
Relay Output	:NO +NC
Weight	:2.5 kg
Operating Humidity	:0-95% RH
Mounting	:Integral mounting plate with 4x mounting holes suitable for M8 bolts



Other Range of Products :

Personal Portable & Continuous Monitoring Systems for Combustible Gases, Vapours, Toxic Gases & Oxygen Deficiency. Hydrogen, Oxygen & Nitrogen Purity Monitors. Portable & Continuous Gas Analysis Systems, Combustion Efficiency Monitors, Stack Gas Analyser, Portable & Continuous Humidity & Dew Point Controllers, Data Logger, Cable Concentrator.

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