

Intrinsically Safe Rated Pressure Transmitters and Load Cells

FM, CSA, DNV, CE

ACCURACY TO 0.10%

LOAD RANGES FROM
5 TO 400,000 LBS.

PRESSURE RANGES FROM
0.5 TO 30,000 PSI

TRUE GAGE, ABSOLUTE,
DIFFERENTIAL



Intrinsically safe equipment is not capable of releasing sufficient electrical or thermal energy to ignite a hazardous atmosphere of gas or dust.

- Automotive, Engine test
- Brewing, Distilling
- Chemical
- Cosmetics
- Fuels Testing
- Fuel Pump Testing
- Grain Storage
- Munitions
- Mining
- Pharmaceuticals
- Petrochemical
- Paint & Ink
- Utilities
- Waste Water
- Oil field
- Explosive Pellet Compaction

Intrinsically Safe transmitter, Option 2n or 2N (See page AP-6), is a standard add-on to the following models and features a welded stainless steel electrical connection. (Options may increase length, consult factory) NOTE: Some combination of options may not be available intrinsically safe, consult factory.

Pressure

PRESSURE AND DIFFERENTIAL PRESSURE TRANSMITTERS

MODEL	ACCURACY*	CATALOG PAGE	RANGES AVAILABLE
FP2000	0.25% or 0.1%	PR-2	10" H ₂ O to 10,000 psi
TJE	±0.1%	PR-6, DP-18	1 to 15,000 psi
Z	±0.25%	PR-8, DP-4, DP-6, DP-8	0.5 to 30,000 psi
A-5	±0.50%	PR-10, DP-4, DP-6, DP-8	0.5 to 30,000 psi
424 & 425	±0.25%	PR-30	0 to 6,000, 10,000, 15,000 psi
HL-Z	±0.25%	DP-17	50 to 3,000 psid
HL-A-5	±0.5%	DP-17	50 to 3,000 psid

Load/Force

LOAD CELLS

MODEL	ACCURACY	CATALOG PAGE	RANGES AVAILABLE	
45	±0.05%*	LO-12	200 to 100,000 lbs	Ultra Precision Fatigue rated
73, 75	±0.1%	LO-8	50 to 200,000 lbs	Fatigue rated
41,43	±0.1%	LO-6	5 to 400,000 lbs.	Precision

*Accuracy is defined as BFSL at full scale.