

Intrinsically Safe Rated Pressure Transmitter and Load Cell



- CSA, EX, CE
- Accuracy to 0.10 %
- Load ranges from 5 lb to 40000 lb
- Pressure ranges from 0.5 psi to 30000 psi
- True gage, absolute, differential

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

- Automotive, engine test
- Grain storage
- Utilities
- Brewing, distilling
- Munitions
- Waste water
- Chemical
- Mining
- Oil field
- Cosmetics
- Pharmaceuticals
- Explosive pellet compaction
- Fuels testing
- Petrochemical
- Fuel pump testing
- Paint and ink

Intrinsically safe transmitter, option 2n(2N)² is often 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.

Notes

1. Accuracy is defined as BFSL at full scale.
2. See Honeywell's Web site for most up-to-date information regarding intrinsically safe approvals ref.#008-0547-00.



How to order: (Quick-ship range/option combinations available. See Web site.)
Consult factory

Order code

Consult factory

Pressure and differential pressure transducers

Model	Accuracy ¹	Ranges available
FP2000	±0.25 % or 0.10 %	0.5 psi to 5000 psi
TJE	±0.10 %	0.5 psi to 60000 psi
Z	±0.25 %	0.5 psi to 60000 psi
A-5	±0.50 %	0.5 psi to 60000 psi
424/425	±0.25 %	0 psi to 20000 psi
HL-Z	±0.25 %	50 psi to 5000 psid
HL-A-5	±0.50 %	50 psi to 5000 psid

Load cells

Model	Accuracy ¹	Ranges available	
45	±0.05 %	200 lb to 100000 lb	Ultra precision Fatigue rated
73,75	±0.10 %	50 lb to 200000 lb	Fatigue rated
41,43	±0.10 %	5 lb to 400000 lb	Precision