

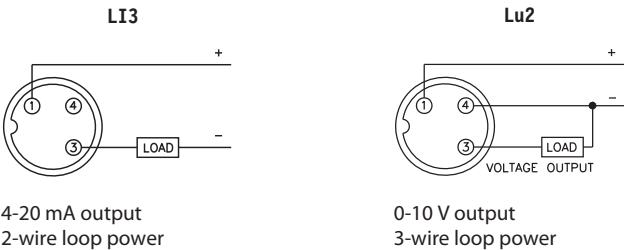
PT Pressure Transmitters Scaled in PSI

- Pre-scaled Ranges - No Adjustment Needed
- Output: 4-20 mA or 0-10 V
- IP67
- Robust Ceramic Measuring Element



Specifications	
Performance	
Accuracy	≤0.5% of full scale Total of linearity, hysteresis and repeatability
Zero Shift	<±0.015% of measuring range / °C
Span Shift	<±0.015% of measuring range / °C
Overpressure	3 times full scale -14.5 to 30 PSIG 2.5 times full scale 60 to 8700 PSIG up to a maximum of 13,050 PSIG
Environmental Data	
Ambient Temperature	-40 to +85°C (-40 to +185°F)
Medium Temperature	-40°C to +150°C (-40°F to +302°F)
Enclosure Rating	IP67
Housing Material	Stainless Steel 1.430 (AISI 303) / PBT
Shock Resistance	75 G, 11 ms per IEC 68-2-27
Vibration Resistance	20 G, 15 mm per IEC 68-2-6
Wetted Parts	AISI 303 Stainless Steel (connection), AL ₂ O ₃ Ceramic (measuring cell), Viton (seal)
Electrical Data	
Current Consumption	≤20 mA
Dynamic Response	<2 ms
Short-Circuit Protection	Yes
Reverse Polarity Protection	Yes
Mating Cordset	RK 4T-*/S618 (* Length in meters)
Output	4-20 mA Loop Powered 0-10 V
Voltage	8-33 VDC 11.4-33 VDC
Load	$4-20\text{ mA}: \leq \frac{\text{supply voltage}-8\text{ V}}{0.02\text{ A}} = \text{Ohm}$ 0-10 V: >10 k Ω/ <100 nF

Wiring Diagram

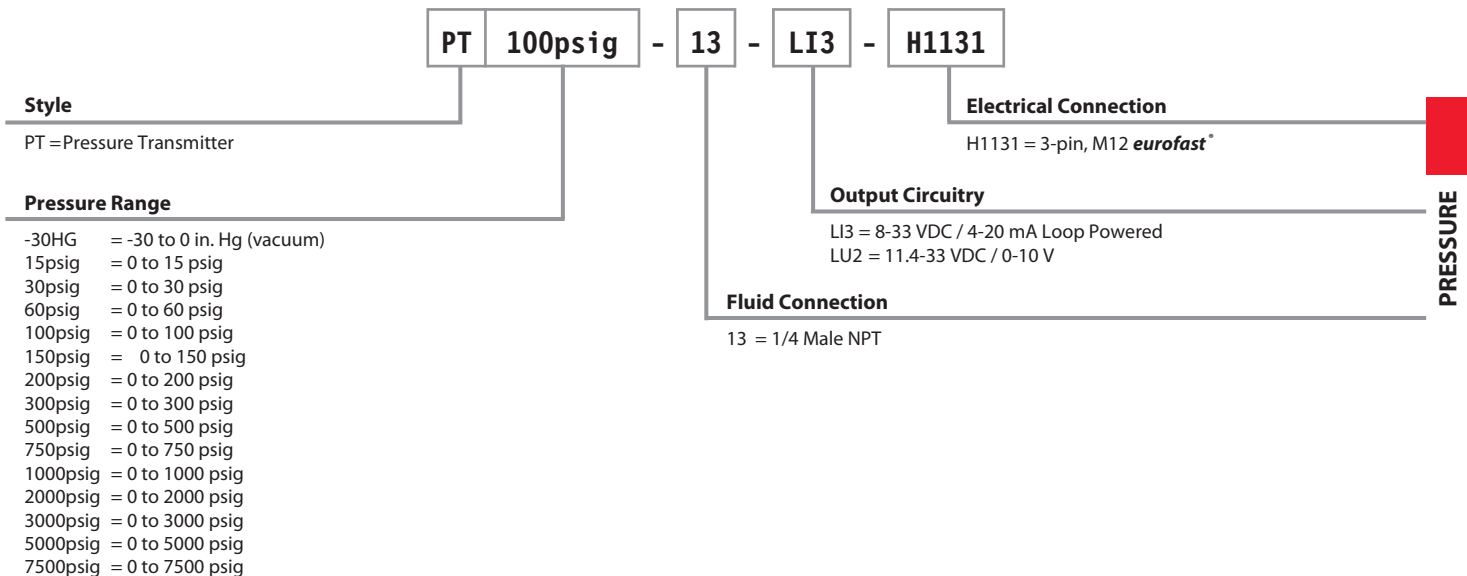


Pressure Instrumentation

Pressure Transmitter Part Number Key

Part Number Keys are to assist in IDENTIFICATION ONLY. Consult factory for catalog items not identified.

Pressure Transmitter (scaled in psi)



Drawing

