

PSI-PT-L9/L13/L14

Specifications and Options

Performance

Accuracy: B.F.S.L. = 0.25% of full scale NIST up to ±0.1% available selected ranges
Temp Compensations Range: (Standard) Up to 0° - 130° F (-17° - 54°C)
Extended Temp Compensation Range: (Optional) Up to -40° - 250°F (-40°F - 121°C)
Zero Balance Adjust: ±2% of full scale

Connectivity

Output: L9: 10mV/V ±2%
L13: 3mV/V ±2%
L14: 5mV/V ±2%

Environmental

Operation Temperature: -40° - 180°F (-40° - 82°C)

Physical

Material: 15-5 or 316L SS

Options

Operation

- L9 - 10 mV/V output
- L13 - 3 mV/V output
- L14 - 5 mV/V output

Common Pressure Ranges

5	50	500	5000
15	100	1000	10000
30	300	3000	

*Other ranges available

Unit of Measure

- PSI
- kPa
- inHg
- bar
- inH₂O
- kgcm²
- mbar
- mmHg
- fsw

Pressure Type

- Gauge
- Absolute
- Compound Gauge
- Sealed
- Vac

Electrical Connection

Mating connector sold separately

- 4-pin bayonet
- Pigtail with cable (2 ft. standard)

Electrical Cable Length

Use with a 4-pin bayonet connection

- 0 ft

Use with Pigtail with cable (2 ft. standard) connection

- 2 ft (0.6 m)
- 5 ft (1.5 m)
- 10 ft (3 m)
- 25 ft (7.6 m)

Process Connection

- 1/4-18 NPTM
- 1 1/2 sanitary
- 1/4-18 NPTF
- 7/16-20 SAE male
- PT 1/4 (BSPP) male
- G3/8 (3/8 BSPP) male
- G1/2 (1/2 BSPP) male
- 7/16-20 UNF male w/ cone
- High Pressure Sno Trik
- (M-250C, Autoclave male)

Accuracy

- ±0.25%
- ±0.25% with NIST certification
- ±0.1% with NIST certification
- ±1% or better
- ±1% or better with NIST certification
- ±0.5% (standard on ranges greater than 5000 psi; voltage output only)
- ±0.5% with NIST certification

Materials

- 15-5 SS (greater than 1k psi)
- 316L SS (up to 1k psi)
- 17-4 SS (greater 1k psi)

Can Assembly

- Knurl
- Tamper resistant with Loc-Tite
- Tamper resistant with weld
- Weld can to fitting and connector

Vibration

- Standard
- High (requires C1 can assembly)

Temperature

- Standard: 0° - 130°F (-17° - 54°C)
- Extended: -40° - 180°F (-40° - 82°C)
- Extended: -40° - 250°F (-40° - 121°C)

*Consult factory