

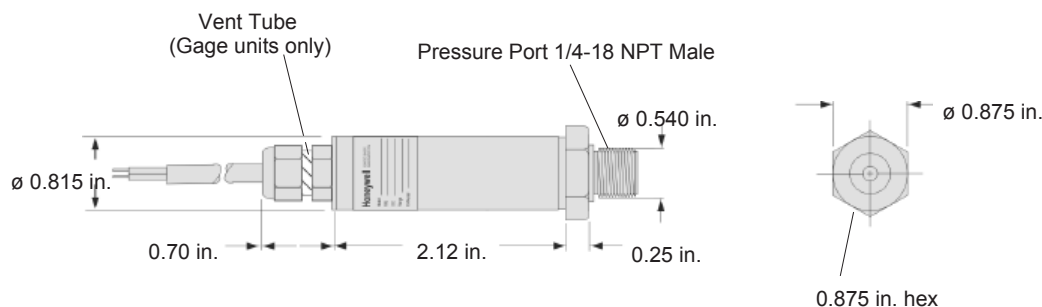
Model LCP Pressure Transducer

Order Code BP223 (absolute), BP224 (gage)

- 4-20 mA 2 wire output
- 5 to 5,000 psig/ psia Range
- 1% Accuracy



Dimensions



Wiring Code

Red (+) input
Black (+) output

Performance

Pressure Ranges

Gage.....5; 10; 15; 30; 50; 100; 200; 300; 500 psig
Absolute.....15; 30; 50; 100; 200; 300; 500; 1000; 2500; 5000 psia
Linearity.....+/- 0.5% Full Scale
Hysteresis.....+/- 0.03% Full Scale
Non-Repeatability.....+/- 0.03% Full Scale
Output (std.).....4-20 mA
Resolution.....Infinite
Response Time.....5ms

Environmental

Temperature, Operating.....-40° to 185°F
Temperature, Compensated.....15° to 185°F
Storage Temperature.....-40° to 185°F
Temperature, Effect
Zero.....+/- 1.5 Full Scale (note 1)
Span.....+/- 1.5 Full Scale (note 1)

Electrical

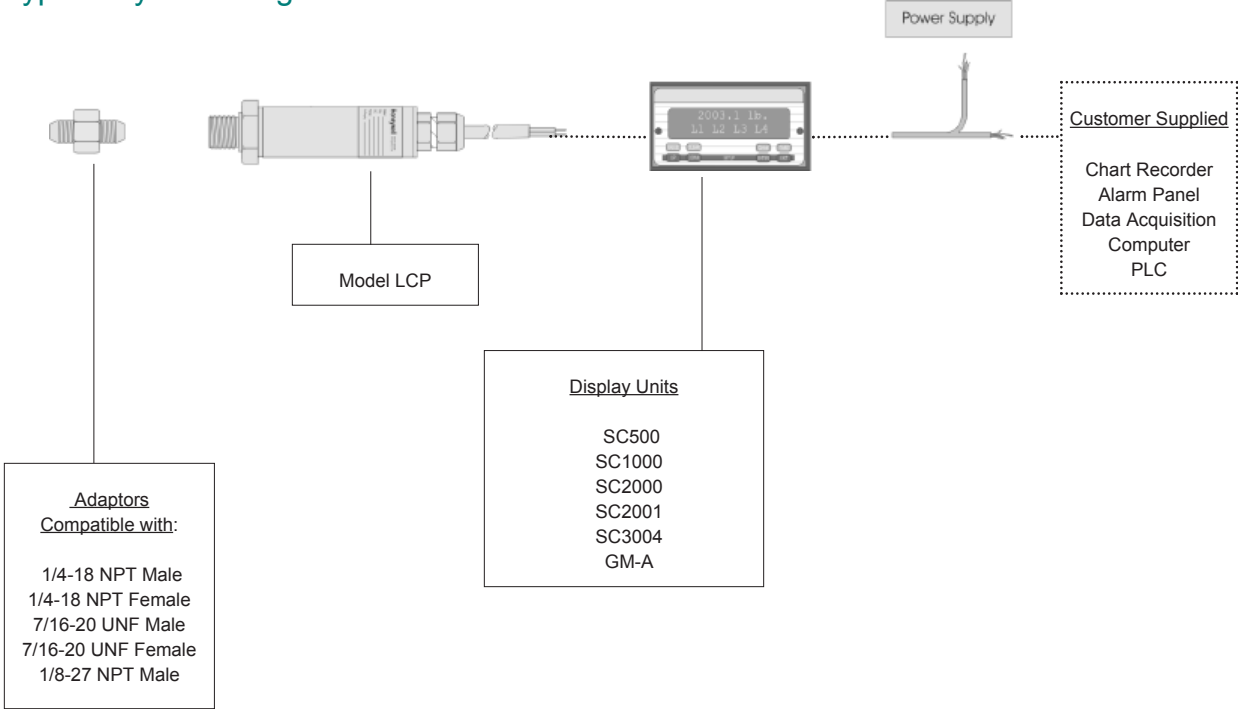
Strain Gage Type.....Semi-conductor
Supply Voltage.....10-24 VDC
Insulation Resistance.....100 Megohms @ 50 VDC
Electrical Termination (std).....Cable Version (2 ft. Standard Cable Length)
Shock.....100g for 11ms
Life.....1 million cycles

Mechanical

Media.....Gases, Liquids compatible with wetted material
Overload-Safe.....200% over capacity
Overload-Burst.....>200% over capacity
Pressure Port.....1/4-18 NPT male
Wetted Parts Material.....316 Stainless Steel
Case Material.....304 Stainless Steel

Model LCP

Typical System Diagram



Range Codes

Range	Range Code
5 psig	AT
10 psig	AV
15 psig/a	BJ
30 psig/a	BM
50 psig/a	BN
100 psig/a	BR
200 psig/a	CL
300 psig/a	CP
500 psig/a	CR
1,000 psia	CV
2,500 psia	DM
5,000 psia	DR

Notes

1. +/- 2.5% Full Scale for 5 psi range

How to Order

The order code consists of the product model and the desired range code.

Sample Code: **SZ75** **AT**
Model Code Range Code