

STANDARD RANGES

Range	psia	psid	psig	Port Styles
0 to 2		•	•	S, L, N, B*
0 to 5	•	•	•	S, L, N, B*
0 to 15	•	•	•	S, L, N
0 to 30	•	•	•	S, L, N,
0 to 50	•	•	•	S, L, N
0 to 100	•	•	•	S, L, N

*Barb port styles are only available in lead configuration type 3. See Ordering Information.

PERFORMANCE SPECIFICATIONS

Supply Current: 1.5mA

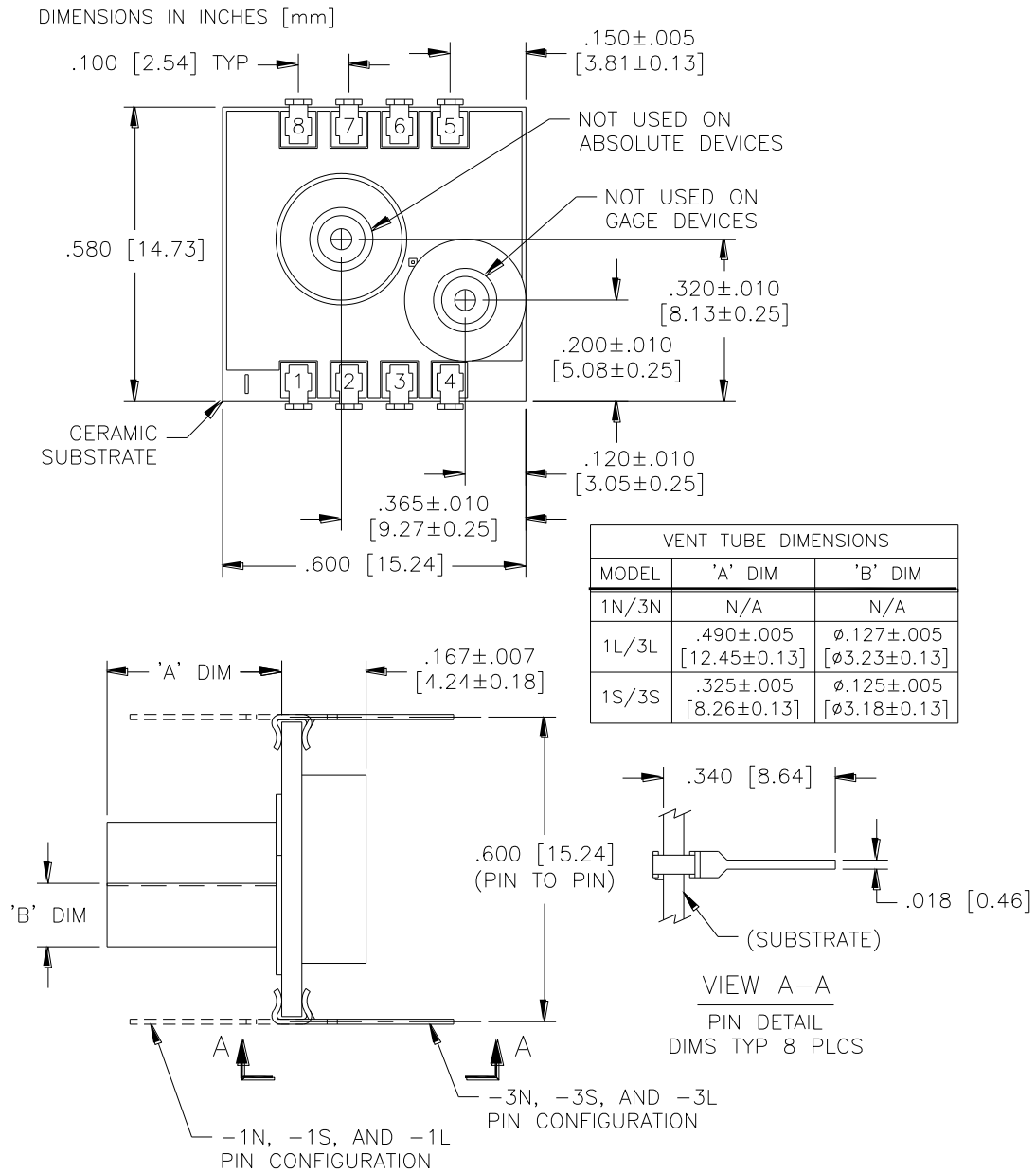
Ambient Temperature: 25°C (unless otherwise specified)

PARAMETERS	MIN	TYP	MAX	UNITS	NOTES
Span	75	100	150	mV	1
Span (2 psi version)	30		60	mV	1
Zero Pressure Output	-2		2	mV	
Pressure Non Linearity	-0.1	±0.05	0.1	%Span	2
Pressure Hysteresis	-0.05	±0.01	0.05	%Span	
Input & Output Resistance	2500	4400	6000	Ω	
Temperature Error – Span	-0.5	±0.3	0.5	%Span	3
Temperature Error – Zero	-0.5	±0.1	0.5	%Span	3
Thermal Hysteresis – Zero		±0.1		%Span	3
Supply Current		1.5	2.0	mA	
Response Time (10% to 90%)		1.0		ms	4
Output Noise (10Hz to 1kHz)		1.0		μV p-p	
Long Term Stability (Offset & Span)		±0.1		%Span	5
Pressure Overload			3X	Rated	6
Compensated Temperature	0		50	°C	
Operating Temperature	-40		+125	°C	
Storage Temperature	-50		+150	°C	
Weight			3	grams	
Solder Temperature	250°C Max 5 Sec.				
Media	Non-Corrosive Dry Gases Compatible with Silicon, Pyrex, RTV, Gold, Ceramic, Nickel, and Aluminum				

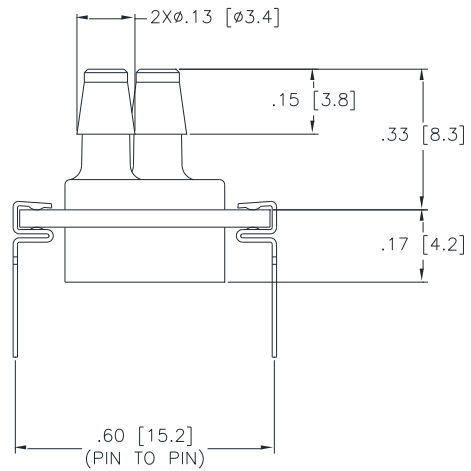
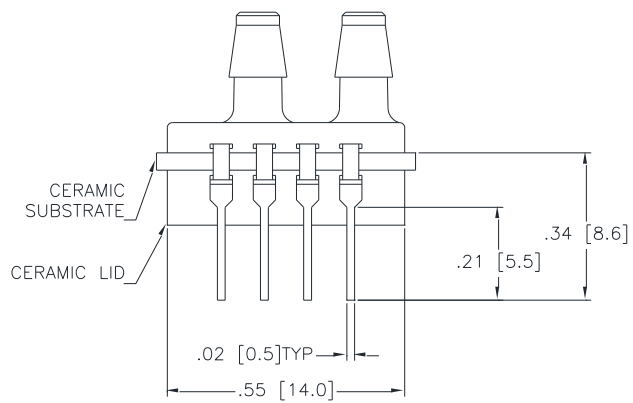
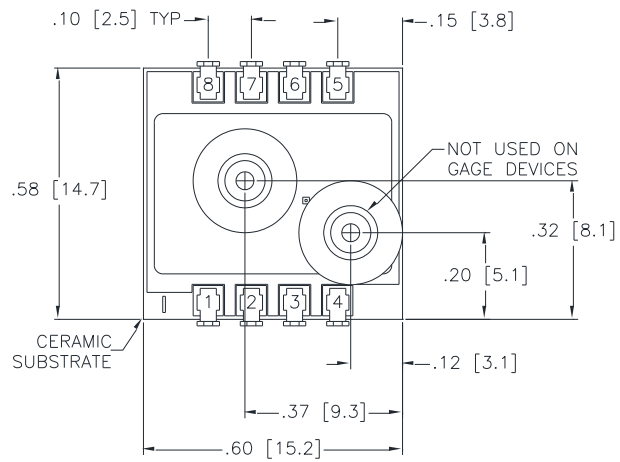
Notes

1. Ratiometric to supply current.
2. Best fit straight line.
3. Maximum temperature error between 0°C and 50°C with respect to 25°C. For 2psi devices, Temperature Error -- Zero is ±1%.
4. For a zero-to-full scale pressure step change.
5. Long term stability over a one year period with constant current and temperature.
6. 2X maximum for 100psi device. 20psi maximum for 2 and 5psi devices.

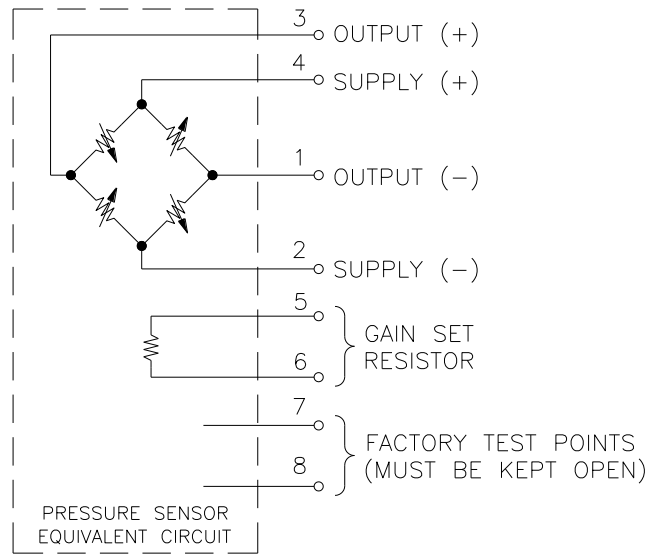
DIMENSIONS



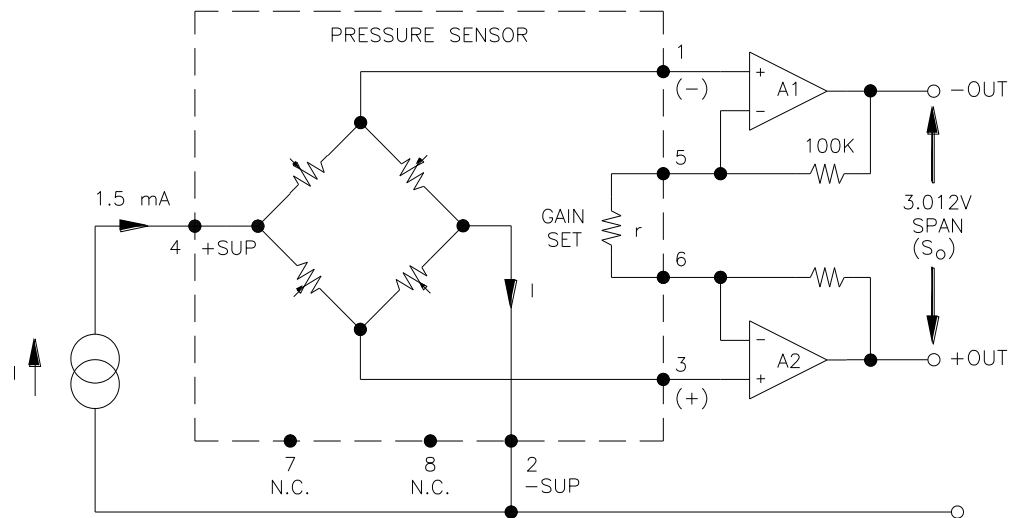
BARB DIMENSIONS



CONNECTIONS



APPLICATION SCHEMATIC



APPLICATION SCHEMATIC

ORDERING INFORMATION

1210A – 030 A – 3 B

Pressure Range [psi]
002 ⁽¹⁾
005 ⁽¹⁾
015
030
050
100

Pressure Type
G Gage
A Absolute
D Differential

Vent
L Long Tube
S Short Tube
N No Tube
B Barb

Fitting Type
3 Opposite Side as Vent Tube
1 Same Side as Vent Tube

Barb port styles are only available in lead configuration type 3.

(1) : Not available in Absolute Pressure Type

NORTH AMERICA

Measurement Specialties, Inc.,
a TE Connectivity company
Tel: +1 800-522-6752
customercare.fmt@te.com

EUROPE

MEAS Switzerland Sarl,
a TE Connectivity company
Tel: +31 73 624 6999
customercare.bevx@te.com

ASIA

Measurement Specialties (China) Ltd.,
a TE Connectivity company
Tel: +86 0400-820-6015
mailto:customercare.shzn@te.com

TE.com/sensorsolutions

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