

## MODEL: ASI 2200 *Media Isolated Pressure Sensor*



The ASI 2200 pressure sensor is intended for industrial OEM all Media isolation pressure sensor applications that require the low pressure measurement of liquids and gases. The ASI 2200 offers rugged construction, the latest in MEMs silicon sensor technology, advanced electronics and competitive pricing.

### PERFORMANCE @ 25°C (77°F)

Accuracy*	<±0.2% typ.
Stability (1 year)	<±0.2% typ.
Over range Protection	2X FS, 4000psi whichever is less
Pressure Cycles	10 ,million, min

Output	Excitation	Zero Offset	Span Tolerance
10mV/V	10VDC, Maximun	<±2mV	<±2mV
>60mV	1.5mA	<±3mV	<±20mV

Input Impedance	5000Ω, typ.
Output Resistance	5000Ω, typ.

\* Accuracy includes non-linearity, hysteresis & non-repeatability

### PHYSICAL DESCRIPTION

Wetted Material	316L, Hastelloy C276
Electrical Connection	Flex strip, Hook up wires

### APPLICATIONS:

- \* Pressure Instrumentation
- \* Water Level
- \* Boiler Controls
- \* Pneumatics
- \* HVAC/R Systems
- \* Excellent low pressure application

### BENEFITS:

- \* Low Static and Thermal Errors
- \* Wide Operating Temperature Range
- \* Media Isolated
- \* Ranges from 0-2 PSI to 0-2000 PSI
- \* CE Approved

### ENVIRONMENTAL DATA

<b>Temperature</b>	
Operating	-40 to 105°C
Storage	-40 to 125°C
<b>Thermal Limits</b>	
Compensated Range	0 to 70°C
TC Zero	< ±1.5% of FS
TC Span	< ±1.5% of FS

<b>Other</b>	
Shock	100G, 11mS
Vibration	10G, 20 to 2000Hz.

## ORDERING INFORMATION

**ASI 2200** **G** **A** **00500** **B** **A** **F** **L** **000**

Series Type

**Pressure Reference**

A=Absolute  
G=Gauge Pressure  
O=Sealed Gauge

**Process Connection**

A=1/4" NPT Male  
B=1/8" NPT Male  
G=M14x1.5 Male  
F=7/16" UNF Male  
I=1/4" NPT Female  
K=7/16-20UNF Female

**Pressure Measurement**

Insert pressure code from chart

**Pressure Unit**

B=Bar  
P=PSI  
K=kg/cm2

**Outputs**

A=10mV/V (Pressure only)  
E=10mV/V & PT1000 (Pressure Temperature)  
R= >60mV & PT1000 (Pressure Temperature)

**Electrical**

F=2" Flex Strip (Pressure only)  
H=4" Hookup Wire (Pressure PT1000)  
X=Special

**Wetted Material**

L=316L-SS  
4=Hastelloy C276

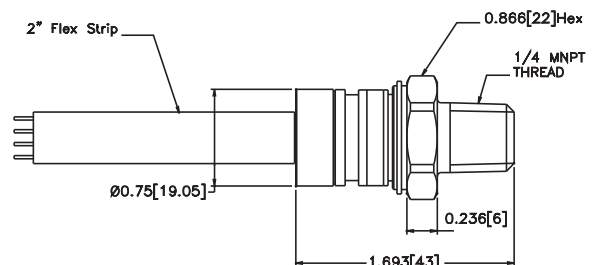
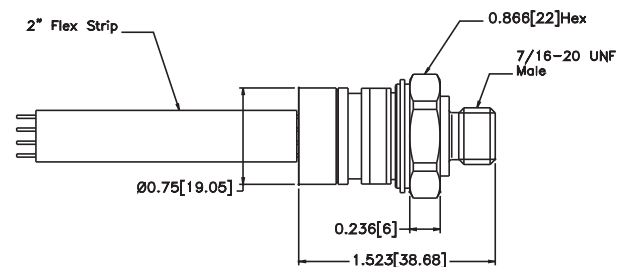
**Options**

000=No Options

PSIG Measurement	Pressure Code	BARG Measurement	Pressure Code
0-2	00002	0-1	00001
0-5	00005	0-2	00002
0-10	00010	0-10	00010
0-15	00015	0-25	00025
0-30	00030	0-50	00050
0-100	00100	0-100	00100
0-500	00500	0-150	00150
0-1,000	01000		
0-2,000	02000		

All Pressure between 0-2PSI and 0-2000PSI available.

## DIMENSIONAL DRAWING



Dimension in inches [mm]

**Sold in North America by:**  
**Servflo Corporation**  
75 Allen Street  
Lexington, MA 02421  
781-862-9572  
[www.servflo.com/](http://www.servflo.com/)  
[info@servflo.com](mailto:info@servflo.com)

All specifications are for reference purposes only. In the interests of continuous product improvement, all specifications are subject to change without notice. Please contact ASI 2200 for assistance with your application.

**Standard configurations shown.**  
Please consult factory for other options.