

## Data Sheet

# HPX Miniature High Purity Pressure Gauge 28mm Size

### FEATURES

- 304 Stainless steel case
- Electropolished 316L SS wetted parts
- VCR Male/Female swivel process connections
- Helium leak tested to  $1 \times 10^{-8}$  atm cc/s
- Suitable for class 100/ISO Class 5 environments

### TYPICAL USES

- High purity gas delivery systems
- Gas sticks
- Process gas analyzers
- Semiconductor



### SPECIFICATIONS

Accuracy:	±3.0% of span
Dial Size:	28mm
Ranges:	Minimum: Vacuum to 30 psi/2 bar Maximum: Vacuum to 150 psi/10 bar
Surface Finish:	Gland: <0.25 $\mu$ m Ra Socket: <0.38 $\mu$ m Ra Diaphragm: <0.5 $\mu$ m Ra
Process Connection:	$\frac{9}{16}$ -18UNF (compatible with VCR) swivel male or female Location: Center back
Weight:	Appx. 85g

### WETTED COMPONENTS

Diaphragm	Gland Process Connection
316L SS	316L SS

### NON-WETTED COMPONENTS

Case	Ring	Window
304SS	304SS	Polycarbonate

### MIN/MAX TEMPERATURE LIMITS

Ambient	Process	Storage
23°F to 113°F (-5°C to 45°C)	23°F to 113°F (-5°C to 45°C)	23°F to 113°F (-5°C to 45°C)

### KEY BENEFITS

- Ultra-compact size
- Ideal for high density mounting
- 316L SS Wetted parts for protection against corrosion
- Double-bagged packaging
- Nitrogen purged

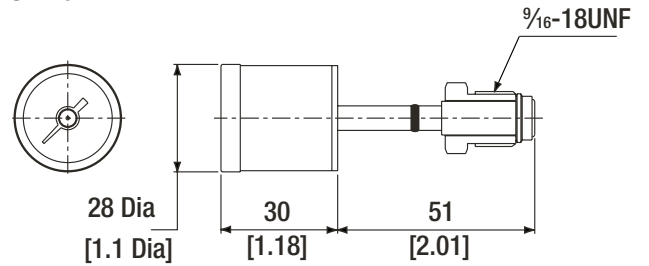
<b>ORDERING CODE</b>	<b>Example:</b>	<b>28</b>	<b>H</b>	<b>PXG</b>	<b>4SM</b>	<b>C</b>	<b>V/60#</b>
<b>Size</b>							
28 -28mm (1.125")		28					
<b>Gauge Family</b>							
H - High Purity Gauge			H				
<b>Purity Level</b>							
PXG - Class 100 clean room				PXG			
<b>Connection Size</b>							
4SM - ¼ Male swivel CVC type (9/16-18 UNF male)					4SM		
4SU - ¼ Female swivel UJR type (9/16-18 UNF female)							
4SF - ¼ Female swivel CVC type (9/16-18 UNF female)							
<b>Process Connection Location</b>							
C - Center back						C	
<b>Range</b>							
V/60#							V/60#

STANDARD RANGES			
psi	bar	kPa	MPa
V/30#	N1/2bar	N100/200KP	NP1/P2MP
V/60#	N1/4bar	N100/400KP	NP1/P4MP
V/100#	N1/7bar	N100/700KP	NP1/P7MP
V/150#	N1/10bar	N100/1000KP	NP1/1MP

## DIMENSIONS mm [inches]

For reference only, consult Ashcroft for specific dimensional drawings

### Male Swivel



### Female Swivel

