Data Sheet

1020S Christmas Tree Pressure Gauge

FEATURES

- Micrometer-adjustable pointer
- SS movement with Teflon[®] coated pinion and shaft

TYPICAL USES

- Offshore Rigs
- Wellheads
- Oil and Gas
- Oilfields
- Equipment Skids



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Trust the shield.

SPECIFICATIONS Accuracy: ±1.0% F.S. (ASME B40.100 Grade 1A) Pressure Ranges: 1,000 to 20,000 psi Size: 41/2" 1/4 NPT Male or 1/2 NPT Male **Process Connection:** Process Connection Lower Location: Dial: Aluminum, white background, black figures and intervals Weather Protection: Dry case: Case not sealed, recommended for weather protected environment only Liquid filled or field fillable: IP65, NEMA 4 Mounting Options: Stem or Surface Pointer: Micrometer adjustable, Aluminum Rotary, adjustable, SS Teflon® coated Movement: Approvals: CRN WETTED COMPONENTS **Bourdon Tube Process Connection** Joints 2161 55 2161 55 hahlaW

310L 33	310L 33	weided				
NON-WETTED COMPONENTS						
Case	Ring	Window				
Polished SS	Polished SS, Bayonet Lock	Glass				

KEY BENEFITS

- 316L SS wetted parts for corrosion resistance
- Micrometer adjustable pointer for easy zero adjustment
- Rugged construction

MIN/MAX TEMPERATURE LIMITS								
Version	Ambient	Process	Storage					
Dry	-20°F to 200°F (-29°C to 93°C)	-20°F to 250°F (-29°C to 121°C)	-40°F to 250°F (-40°C to 121°C)					

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ORDERING CODE	Example:	451020	S	02	L	-XPD	1000#
Dial Size/Model							
451020 - 41/2" stainless steel case, open front		451020					
System							
S - 316 SS			S				
Connection Size				_			
02 - ¼ NPT Male				02			
04 - 1/2 NPT Male							
Connection Location							
L - Lower mount connection only					L		
Optional Features (if choosing an option(s) must	t inclde an "X")					-X	
PD - Acrylic Windowt PD						PD	
SD - Safety Glass window							
NG - Non-glare Window							
Range (coding examples only see range tables I	below for all standard rang	jes)					
Single Scales							
1000# - 10,000 psi							1000#

	Standard Metric Ranges								
Range		Dial Graduations		Range	Dial Graduations				
kg/cm²	bar	Figure Interval	Minor Graduations	kPa	Figure Interval	Minor Graduations	Outer Scale when Dual Range Specified (psi)		
0/60	0/60	5	1	0/6000	500	100	0/850		
0/100	0/100	10	1	0/10000	1000	100	0/1400		
0/160	0/160	20	2	0/16000	2000	200	0/2200		
0/250	0/250	50	5	0/25000	5000	200	0/3500		
0/400	0/400	50	5	0/40000	5000	500	0/5500		
0/600	0/600	50	10	0/60000	5000	500	0/85000		
0/1000	0/1000	100	10	0/100000	10000	1000	0/14000		
0/1600	0/1600	200	20	0/160000	20000	2000	0/22000		

Standard PSI Ranges							
psi	Figure Interval	Minor Graduations					
0/1000	100	10					
0/2000	200	20					
0/3000	300	50					
0/5000	500	50					
0/10000	1000	100					
0/20000	2000	200					

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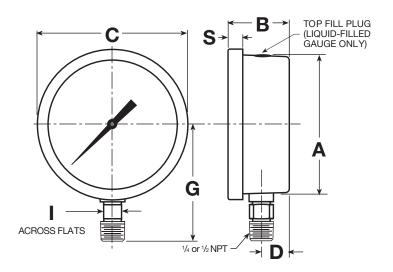
1020S Christmas Tree Pressure Gauge



DIMENSIONS in [] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

Dial Size Inches	А	В	С	D	G	1	S	Weight (lbs)
41⁄2	4.76	2.06	5.03	0.94	4.06	0.63	0.47	1.75
	[121]	[53]	[130]	[24]	[103]	[16]	[12]	0.8 kg



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