Data Sheet

1020S Christmas Tree Pressure Gauge

FEATURES

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

TYPICAL USES

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



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SPECIFICATIONS Accuracy: ±1.0% F.S. (ASME B40.100 Grade 1A) Pressure Ranges: 1,000 to 20,000 psi Dial 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 316L SS 316L SS Welded **NON-WETTED COMPONENTS**

Ring Polished SS,

Bayonet Lock

• 316L Stainless steel wetted parts for corrosion

• Micrometer adjustable pointer for easy zero

KEY BENEFITS

resistance

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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Case

Polished SS

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Window

Glass



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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 Stainless steel			S				
Connection Size							
02 - 1/4 NPT Male				02			
04 - 1/2 NPT Male							
Connection Location							
L - Lower mount connection only					L		
Optional Features (if choosing an option(s) mus	st inclde an "X")					-X	
D3 - DuraVis [™] Retroreflective Dial (dry case only)							
PD - Acrylic Window						PD	
SG - Safety Glass window							
Range (coding examples only see range tables	below for all standard rang	jes)					
Single Scales							
1000# - 1,000 psi							1000#

Standard Metric Ranges							
Ran	ge	Dial Gr	aduations	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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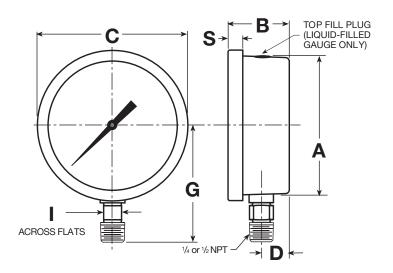
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DIMENSIONS in [] are millimeters

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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