

Description & Features

- Liquid filled stainless steel case protects against vibration and pulsation
- Bayonet ring
- Highly accurate
- Back, bottom, or panel mounted
- Stainless steel or brass wetted parts
- Restrictor screw standard

Applications

- Outdoor and severe ambient and process conditions
- Use where harmful vibration and pulsation are present
- Hydraulic equipment, pressure washers, oil field equipment, pumps, compressors and process systems

Specifications

Dial Size

2.5" (63mm), 4" (100mm), 6" (150mm)
white aluminum with black and red markings

Pressure Range

From Vacuum to 0...20000 psi

Case Material

304 stainless steel standard, 316 stainless steel optional

Lens Material

Polycarbonate

Ring Material

304 stainless steel standard, bayonet
316 stainless steel optional

Pointer

Aluminum black adjustable

Bourdon Tube

Brass or 316 stainless steel

Movement

Brass, Stainless steel

Socket Material

Brass or 316 stainless steel

Connection

1/4", 1/2", 3/8" in NPT, BSP, BSPT

Protection

IP 65 (EN 60 529 / IEC 529)
IP 65 (EN 60 521 / IEC 529)

Working Pressure

Maximum 75% of full scale value

Over-pressure Limit

30% for full scale value

Ambient/Process Temperature

-40°F to 200°F (-40°C to 93°C) dry
-4°F to 150°F (-20°C to 65°C) glycerin filled

Accuracy

Dial size 2.5" (63mm):
±1.6% ANSI/ASME Grade B
Dial size 4" (100mm), 6" (150mm):
±1.0% ANSI/ASME Grade 1A

Option

Glycerin filled
Silicone filled
Acrylic lens
Glass lens
Safety glass lens
Blowout disk
U-Clamp
±0.5 accuracy for dial size 4" (100mm) and 6" (150mm)
Calibration Certificate
Material Certificate



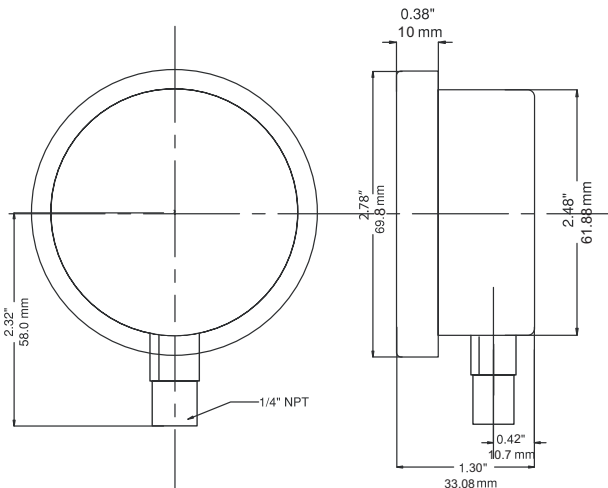
1. Optional U-Clamp
2. Optional Front Flange
3. Optional Back Flange

Order Information

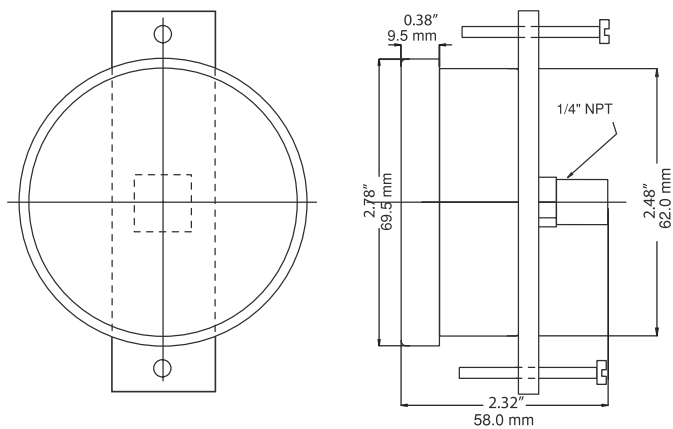
Series/ Dial Size/ Case Materials/ Wetted Parts/ Configuration/ Connection Size/ Thread/ Range/ Option

Dimensions

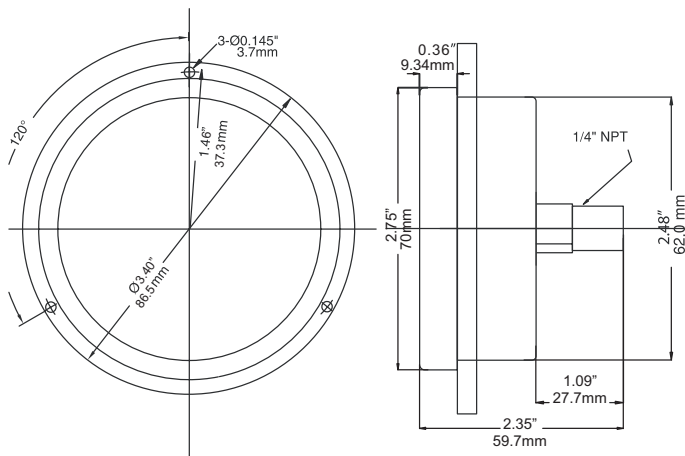
2.5" (63mm) Bottom Connection



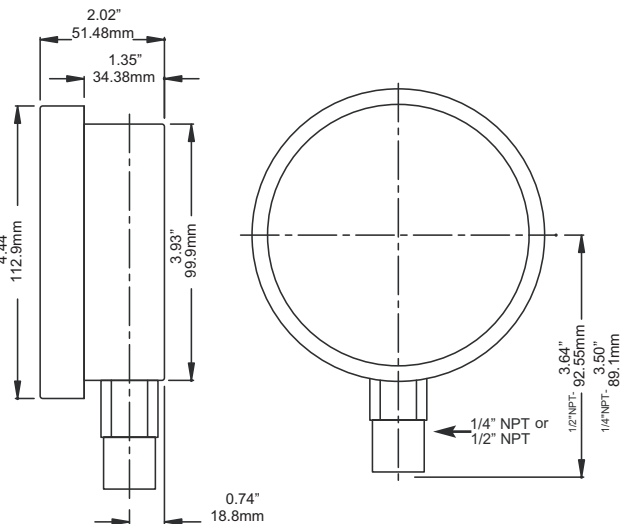
2.5" (63mm) Back Connection U-Clamp



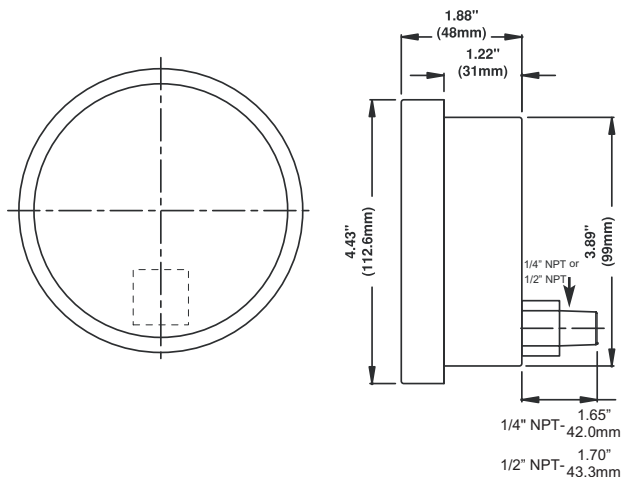
2.5" (63mm) Back Connection with Front Flange



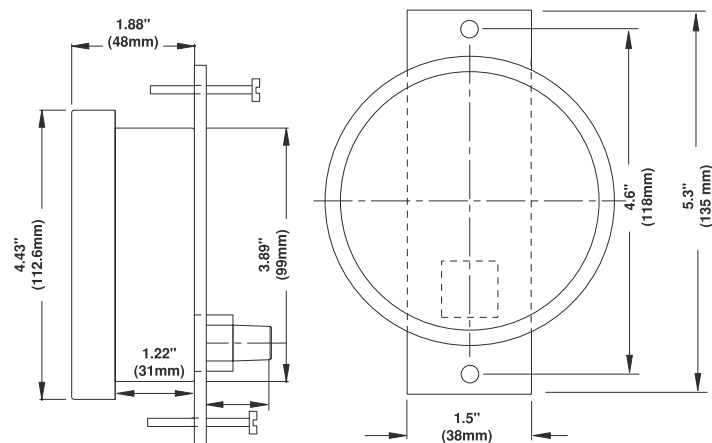
4" (100mm) Bottom Connection



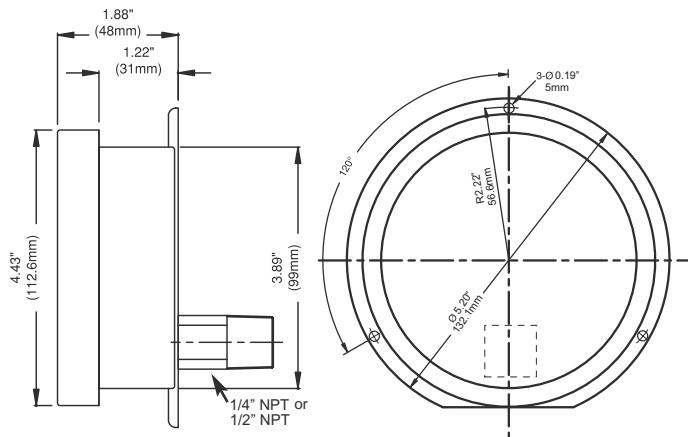
4" (100mm) Lower Back Connection



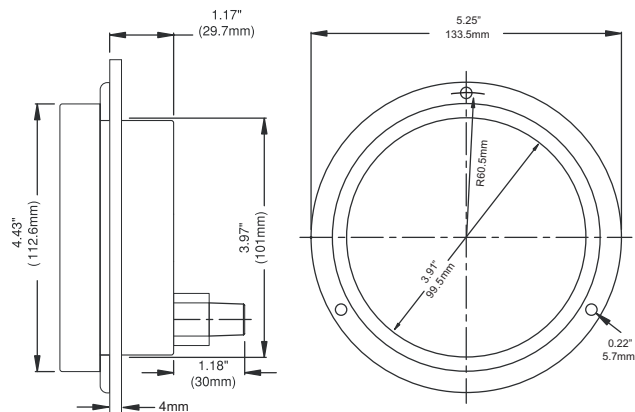
4" (100mm) Lower Back Connection with U-clamp



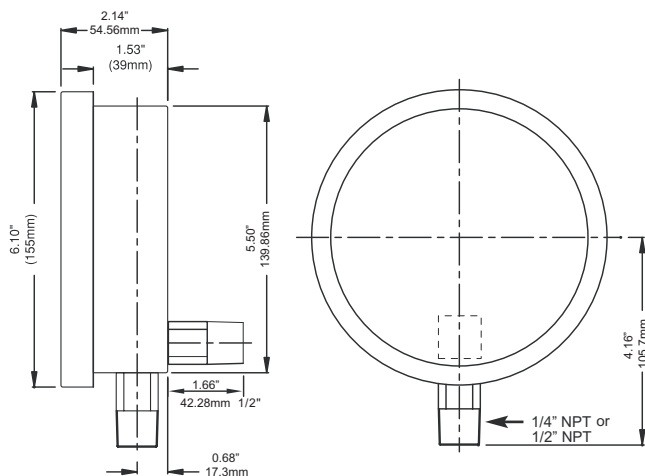
4" (100mm) Lower Back Connection with Back Flange



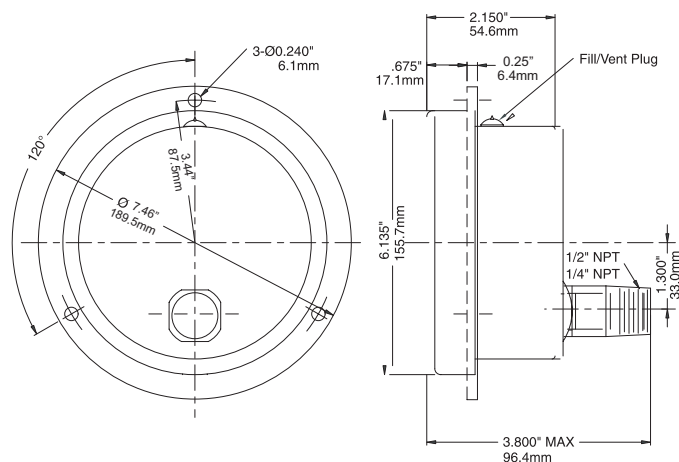
4" (100mm) Lower Back Connection with Front Flange



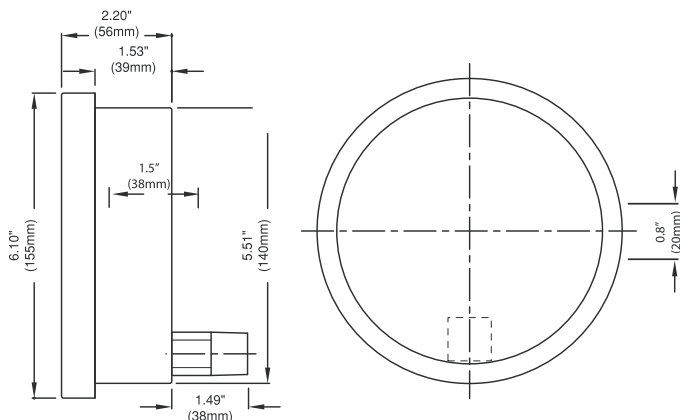
6" (150mm) Bottom & Back Connection



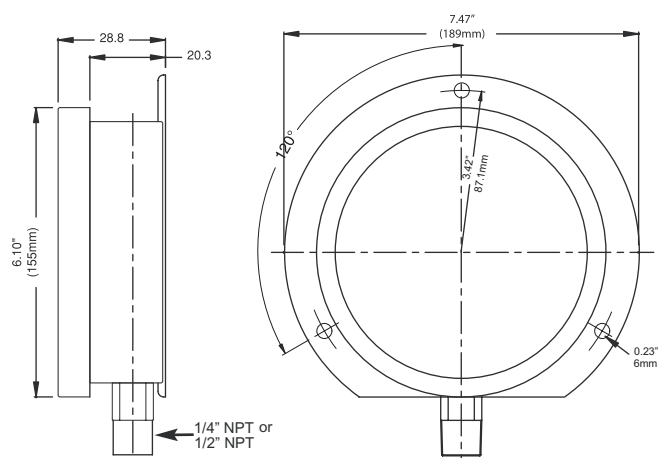
6" (150mm) Lower Back Connection, Front Flange



6" (150mm) Back Connection



6" (150mm) Bottom Connection Back Flange



Ordering Code PFP Series

Field No.	Code	Specifications							
1.		PFP Series							
2.		Dial Size							
	25	2.5" (63mm)							
	40	4.0" (100mm)							
	60	6.0" (150mm)							
3.		Case Materials							
	T	304 SS							
	S	316 SS							
4.		Wetted Parts							
	S	316 SS							
	L	316L SS							
	B	Brass							
	Z	Special							
5.		Configuration							
	A	Bottom connection, stem mounting							
	B	Bottom connection, back flange, surface mounting							
	D	Back connection, stem mounting							
	F	Back connection, wide front flange, (drilled) panel mounting							
	U	Back connection, wide front flange, (undrilled) panel mounting							
	Z	Special							
		A B D F U							
	6.		Connection						
		4	1/4"						
3		3/8"							
2		1/2"							
Z		Special							
7.		Thread							
	N	NPT							
	B	BSP (G)							
	T	BSPT (R)							
	F	M14X1.5							
	M	M20X1.5							
8.		Special							
		Range (XXXX)							
		Standard Ranges							
	MPa	-0.1/0	-0.1/0.9	0/0.1	0/1	0/10	0/100		
		-0.1/0.06	-0.1/1.5	0/0.16	0/1.6	0/16	0/160		
		-0.1/0.15	-0.1/2.4	0/0.25	0/2.5	0/25			
		-0.1/0.3		0/0.4	0/4	0/40			
		-0.1/0.5		0/0.6	0/6	0/60			
	bar	-1/0	-1/9			0/1	0/10	0/100	0/1000
		-1/0.6	-1/15			0/1.6	0/16	0/160	0/1380
		-1/1.5	-1/24			0/2.5	0/25	0/250	
		-1/3				0/4	0/40	0/400	
		-1/5				0/6	0/60	0/600	
	psi	30"/0	30"/0/150	0/15	0/160	0/800	0/3000	0/10000	
		30"/0/15	30"/0/300	0/30	0/200	0/1000	0/4000	0/15000	
		30"/0/30		0/60	0/300	0/1500	0/5000	0/20000	
		30"/0/60		0/100	0/600	0/2000	0/6000		
		30"/0/100							
	kg/cm²	-1/0	-1/9	0/1	0/10	0/100			
		-1/0.6	-1/15	0/1.6	0/16	0/160			
		-1/1.5	-1/24	0/2.5	0/25	0/250			
		-1/3		0/4	0/40	0/400			
		-1/5		0/6	0/60	0/600			

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		Range (XXXX) Standard Ranges <table><tr><td rowspan="5">kPa</td><td>-100/0</td><td>-100/900</td><td></td><td></td><td>0/100</td><td>0/1000</td><td></td><td></td></tr><tr><td>-100/60</td><td>-100/1500</td><td></td><td></td><td>0/160</td><td>0/1600</td><td></td><td></td></tr><tr><td>-100/150</td><td>-100/2400</td><td></td><td></td><td>0/250</td><td>0/2500</td><td></td><td></td></tr><tr><td>-100/300</td><td></td><td></td><td></td><td>0/400</td><td>0/4000</td><td></td><td></td></tr><tr><td>-100/500</td><td></td><td></td><td></td><td>0/600</td><td>0/6000</td><td></td><td></td></tr></table>	kPa	-100/0	-100/900			0/100	0/1000			-100/60	-100/1500			0/160	0/1600			-100/150	-100/2400			0/250	0/2500			-100/300				0/400	0/4000			-100/500				0/600	0/6000		
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9.		Options <table><tr><td>SE</td><td>Glycerin filled</td></tr><tr><td>SD</td><td>Silicone filled</td></tr><tr><td>SV</td><td>Acrylic lens</td></tr><tr><td>SF</td><td>Glass lens</td></tr><tr><td>SA</td><td>Safety glass</td></tr><tr><td>SB</td><td>Blowout disk</td></tr><tr><td>SH</td><td>U-Clamp</td></tr><tr><td>SK</td><td>±0.5% accuracy</td></tr><tr><td>SO</td><td>Calibration Certificate</td></tr><tr><td>GH</td><td>Material Certificate</td></tr><tr><td>DA</td><td>Safety glass + Front flange</td></tr><tr><td>DB</td><td>Safety glass + Back flange</td></tr><tr><td>DK</td><td>Safety glass + Glycerin filled</td></tr><tr><td>DL</td><td>Safety glass + Silicone filled</td></tr><tr><td>DD</td><td>Safety glass + Blowout disk</td></tr><tr><td>DH</td><td>Front flange + U-Clamp</td></tr><tr><td>TA</td><td>Safety glass + Glycerin filled + Front flange</td></tr><tr><td>TB</td><td>Safety glass + Silicone filled + Back flange</td></tr><tr><td>TD</td><td>Safety glass + Glycerin filled + Blowout disk</td></tr><tr><td>TC</td><td>Safety glass + Silicone filled + Blowout disk</td></tr></table>	SE	Glycerin filled	SD	Silicone filled	SV	Acrylic lens	SF	Glass lens	SA	Safety glass	SB	Blowout disk	SH	U-Clamp	SK	±0.5% accuracy	SO	Calibration Certificate	GH	Material Certificate	DA	Safety glass + Front flange	DB	Safety glass + Back flange	DK	Safety glass + Glycerin filled	DL	Safety glass + Silicone filled	DD	Safety glass + Blowout disk	DH	Front flange + U-Clamp	TA	Safety glass + Glycerin filled + Front flange	TB	Safety glass + Silicone filled + Back flange	TD	Safety glass + Glycerin filled + Blowout disk	TC	Safety glass + Silicone filled + Blowout disk	
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