

Description & Features

- Pulsation resistant, liquid filled stainless steel case
- 1.5", 2", 2.5", and 4" dials
- Brass or stainless steel internals
- Restricted orifice
- Crimp-on bezel
- U-Clamps and Front flanged for panel mounting

Applications

- Ideal for Pumps, compressors, hydraulic presses, machinery, pneumatic equipment and motors in a harsh environment

Specifications

Standard
ASME B40

Dial Size
1.5"(40mm), 2"(50mm), 2.5"(63mm), 4"(100mm), white aluminum

Pressure Range
From vacuum to 0...15000 psi/Kpa

Case Material
304 stainless steel

Lens Materials
Polycarbonate standard

Ring Material
304 stainless steel, Crimp-on

Pointer
Aluminum black

Bourdon Tube
Brass or 316 stainless steel

Movement
Brass or stainless steel

Socket Material
Brass or 316 stainless steel



Connection
1/8", 1/4", 3/8", 1/2" 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
25% for pressures up to 1,400 psi (9,653 kPa),
15% for pressures over 1,400 psi (9,653 kPa)

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

Accuracy
Dial size 1.5"(40mm) and 2"(50mm):
±2.5%
Dial size 2.5"(63mm) and 4"(100mm):
±1.6%

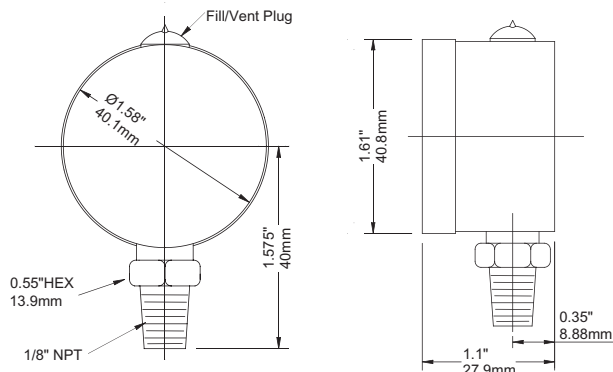
Options
U-Clamp
Front Flange
Back Flange
Filled Glycerine, Silicone
Other connection sizes available upon request
±1.0% accuracy for dial size 4"(100mm)

Order Information

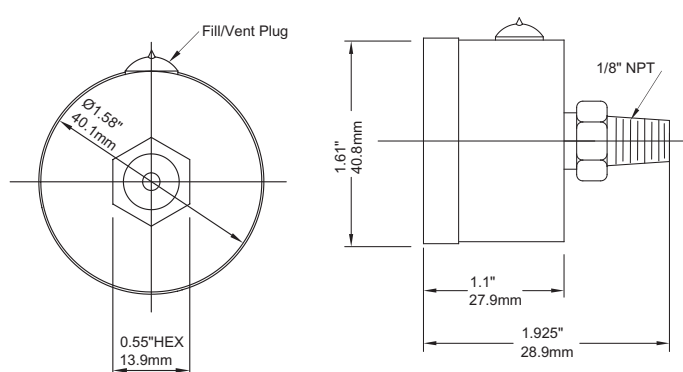
Series/ Dial Size/ Case Materials/ Wetted Parts/ Configuration/ Connection Size/ Thread/ Range/ Option

Dimensions

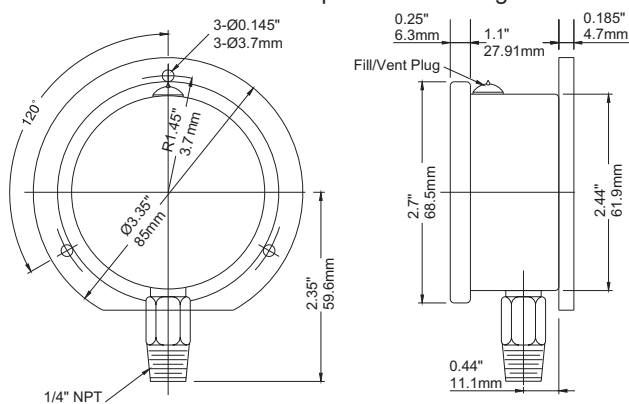
1.5" Bottom Connection



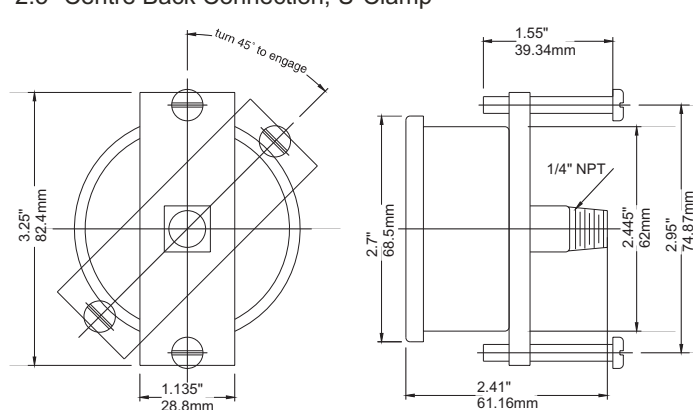
1.5" Centre Back Connection



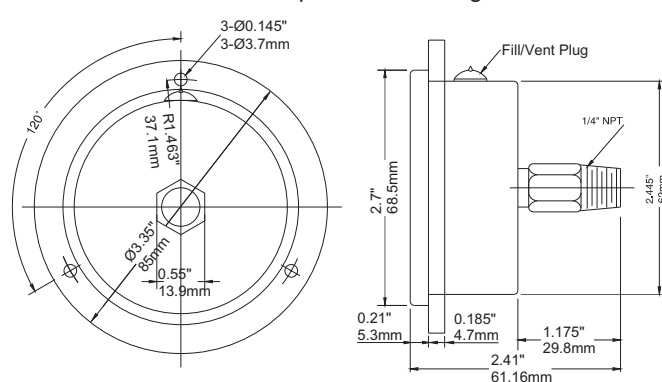
2.5" Bottom Connection with optional back flange



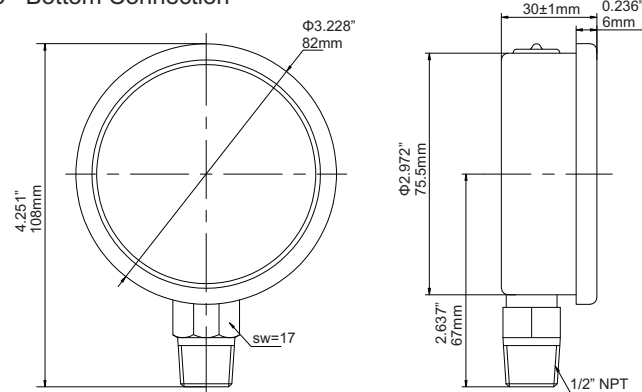
2.5" Centre Back Connection, U-Clamp



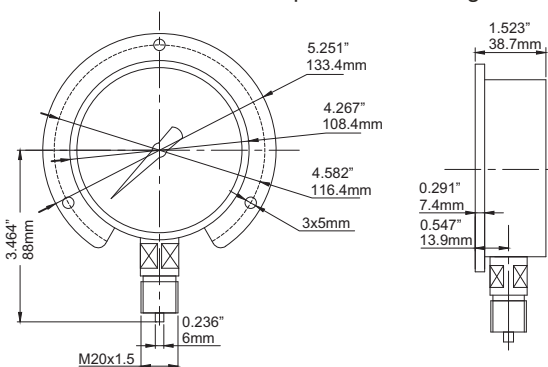
2.5" Back Connection with optional front flange



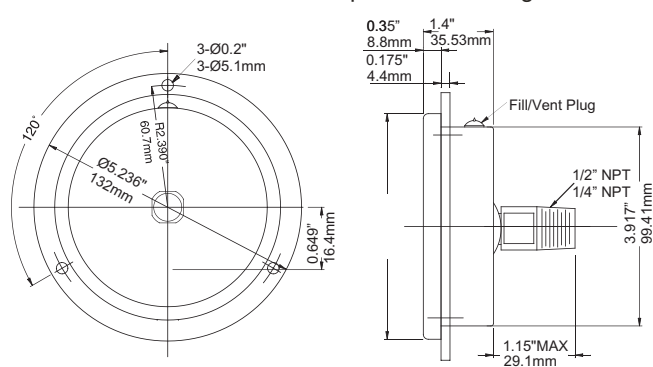
3" Bottom Connection



4" Bottom Connection with optional back flange



4" Centre Back Connection with optional front flange



Ordering Code PFQ Series

Field No.	Code	Specifications	
1.		PFQ Series	
2.		Dial Size 151.5" (40mm) 202.0" (50mm) 252.5" (63mm) 404.0" (100mm)	
		Case Materials 304 SS	
		Wetted Parts S316 SS BBrass ZSpecial	
		Configuration A B D F U Z	
		A B D F U	
6.		Connection 41/4" 33/8" 21/2" ZSpecial	
		Thread N B T F M Z	
		NPT BSP (G) BSPT (R) M14X1.5 M20X1.5 Special	
	8.		Range (XXXX) Standard Ranges MPa -0.1/0 -0.1/0.06 -0.1/0.15 -0.1/0.3 -0.1/0.5 -0.1/0.9 -0.1/1.5 -0.1/2.4 0/0.1 0/0.16 0/0.25 0/0.4 0/0.6 0/1 0/1.6 0/2.5 0/4 0/6 0/10 0/16 0/25 0/40 0/60 0/100 0/160 0/250 0/400 0/600 0/1000 0/1600 0/2500 0/4000 0/6000 0/10000 0/15000 bar -1/0 -1/0.6 -1/1.5 -1/3 -1/5 -1/9 -1/15 -1/24 0/1 0/30 0/60 0/100 0/15 0/200 0/300 0/400 0/600 0/800 0/1000 0/1500 0/2000 0/3000 0/4000 0/6000 0/10000 0/15000 psi 30"/0 30"/0/15 30"/0/30 30"/0/60 30"/0/100 30"/0/150 30"/0/200 30"/0/300 0/15 0/30 0/60 0/100 0/15 0/200 0/300 0/400 0/600 0/800 0/1000 0/1500 0/2000 0/3000 0/4000 0/6000 0/10000 0/15000 kg/cm² -1/0 -1/0.6 -1/1.5 -1/3 -1/5 -1/9 -1/15 -1/24 0/1 0/1.6 0/2.5 0/4 0/6 0/10 0/16 0/25 0/40 0/60 0/100 0/160 0/250 0/400 0/600 0/1000 0/1600 0/2500 0/4000 0/6000 0/10000 0/15000 kPa -100/0 -100/60 -100/150 -100/300 -100/500 -100/900 -100/1500 -100/2400 0/100 0/160 0/250 0/400 0/600 0/1000 0/1600 0/2500 0/4000 0/6000 0/10000 0/16000 0/25000 0/40000 0/60000

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Ordering Code PFQ Series

Field No.	Code	Specifications
9.		Options
		SE Glycerin filled
		SD Silicone filled
		SV Acrylic lens
		SF Glass lens
		SA Safety glass
		SH U-Clamp
		S9 $\pm 1.0\%$ accuracy for dial size 4"
		SM Stainless steel tag number plate
		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
		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