

Description & Features

- Field liquid fillable, phenolic solid front blow-out back safety case
- Stainless steel full rotary movement for longer life
- Micrometer pointer for ease in calibration
- Under & Overload stops
- 316L stainless steel, Monel wetted parts
- Designed for sour gas applications requiring NACE Standards MR 0175-2002

Applications

- Used where operator safety is a must
- Ideally suited for process, chemical and petroleum industries
- Highly corrosive media

Specifications

Dial Size

4.5"(115mm) white aluminum

Pressure Range

Vacuum to 0...20000 psi (0...1380 bar)

Case

Engineered reinforced thermoplastic, black impact resistant with safety blowout back plate, solid front, integral back flange

Solid Wall

Phenolic

Lens

Tempered glass

Ring Material

Phenolic

Pointer

Aluminum black adjustable

Bourdon Tube

316L stainless steel

Movement

304 stainless steel

Socket Material

316L stainless steel

Connection

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

Gasket Materials

Buna N (Silicone rubber option)



Welding

TIG

Protection

IP 65

Working Pressure

Maximum 75% of full scale value

Over-pressure Limit

25% for pressures up to 1500 psi/kPa,
15% for pressures 1501 to 8700 psi/kPa,
10% for pressures above 8701 psi/kPa

Ambient Temperature

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

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

±0.5% ANSI / ASME Grade 2A

Options

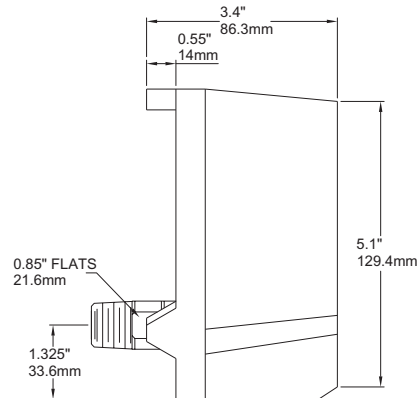
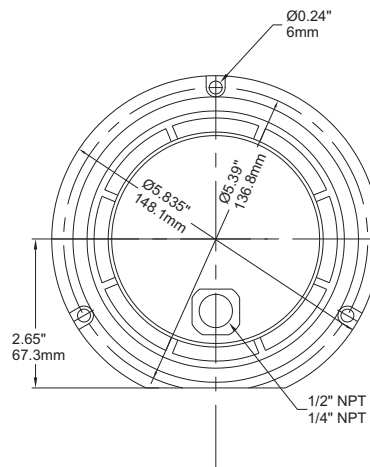
Silicone filled
Use no oil
Oxygen Cleaning
Stainless steel tag number plate
Calibration Certificate
Material Certificate
Safety glass + Silicone filled

Order Information

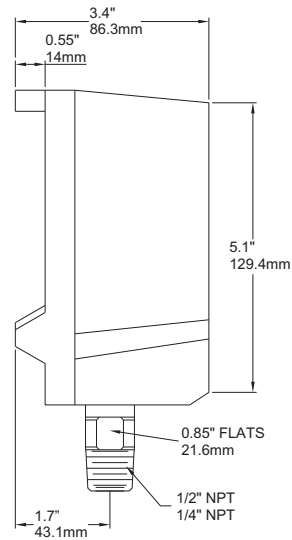
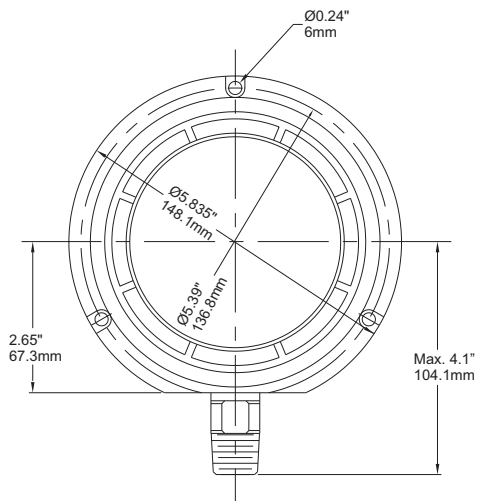
Series/ Dial Size/ Case Materials/ Wetted Parts/ Configuration/ Connection Size/ Thread/ Range/ Option

Dimensions

4.5" Back Connection



4.5" Bottom Connection



Ordering Code PPC Series

Field No.		Code	Specifications							
1.		PPC	Series							
			Dial Size							
2.		45	4.5" (115mm)							
			Case Materials							
3.		F	Phenolic							
			Wetted Parts							
4.		S	316 SS							
		L	316L SS							
		M	Monel							
		Z	Special							
			Configuration							
5.		A	Bottom connection, stem mounting							
		D	Back connection, stem mounting							
		Z	Special							
			A D							
			Connection							
6.		4	1/4"							
		2	1/2"							
		Z	Special							
			Thread							
7.		N	NPT							
		B	BSP (G)							
		T	BSPT (R)							
		M	M20X1.5							
		Z	Special							
8.		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	0/1600
			-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			
		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		
		Options								
9.		SD	Silicone filled							
		SY	Use no oil							
		SL	Oxygen Cleaning							
		SM	Stainless steel tag number plate							
		SO	Calibration Certificate							
		GH	Material Certificate							
		DL	Safety glass + Silicone filled							