



## Process pressure gauges



### Application:

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

### Features:

- Liquid-fillable
- $\pm 1\%$ ,  $\pm 0.5\%$  available
- Micrometer pointer for ease in calibration
- Under and overload stops
- 316L stainless steel, brass or Monel® wetted parts
- Restrictor screws standard on dual scale (optional on single scale gauges)
- Phenolic solid front and polypropylene pressure relief back safety case

### Specifications:

Dial size: 4.5"

Scale ranges: -1 to 600bar

Accuracy class:  $\pm 1\%$ ,  $\pm 0.5\%$  available

Connection: SS316L or brass

Bourdon tube: SS316L or brass

Movement: 304SS with over/under stops

Dial: Aluminum, white

Pointer: Aluminum, black

IP class: IP 67

Pressure relief back: Polycarbonate

Working pressure: Maximum 75% of full scale value

Case material: Black phenolic with safety blowout back, solid front

Solid Wall: Phenolic

Windows(lens): Laminated safety glass or PC

Temperature: Ambient : -20 ... +70°C(fill glycerin)

Medium : -40 ... +200°C (not filled)

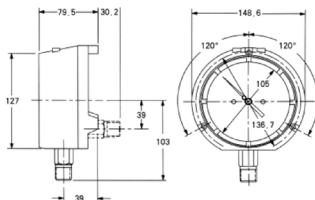
The case temperature must not exceed +70°C

### Options:

Restrictor screw  $\varnothing 0.5$

Oxygen application

### Dimensions(see right picture):





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### How to order Process pressure gauge:

	CODE	CHARACTERISTICS	
Basic type	PSS	Black phenolic with ss connector	
	PBS	Black phenolic with brass connector	
Diameter	45	4.5"	
Mounting	BTM	Bottom mounting	
	BKM	Back mounting	
	BTMF	Bottom mounting with flange	
Process Connection	G12	G 1/2	
	Z12	1/2NPT	
Liquid filled	D	DRY	
	G	Glycerin oil 99.5%	
	S	Silicone oil	
	F	Fluor carbon for oxygen use	
Windows	SG	Laminated safety glass	
	PC	PC	

Special Requirements additional Information:

1. Range:

### Order example:

