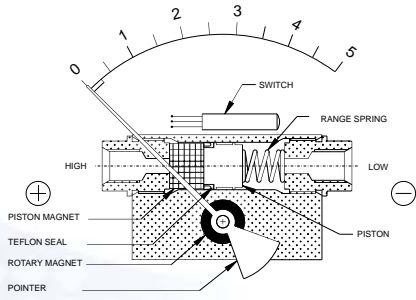


# PISTON INSTRUMENT

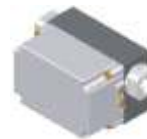


## COMBINATIONS

### Gauge



### Switch



### Gauge+switch

(with a terminal strip inside)



### Gauge+switch

(with a DIN plug on top)



## MOUNTING BRACKETS

### Gauge



### Gauge+switch

(with a DIN plug )



## 200 DPG

**ΔP Range :** 0 to 0.25 upto 70 bar  
0 to 5 upto 1050 psi

## Specifications

Accuracy	±2% of the FSD (Ascending)
Migration	Minor from high to low port
Range	0-0.25 to 0-70 bar or equivalent range in other units
First marking on the scale	20% of the FSD
Sensing element	Piston
Wetted parts	Body material, SS 302 spring, ceramic magnet & seals
Case material	Stainless steel (SS 304)
Dial size in inch /mm	2", 2.5", 3.5", 4", 4.5", 6" / 50, 63, 80, 100, 115, 150 mm
Mounting	Direct, front flange, 2" pipe & surface mounting
Maximum working pressure	200 bar for Aluminium & Brass, 400 bar for SS & Monel
Maximum process temperature	80° C / 175° F
Body material	Aluminum, Brass, SS 316 & Monel
Seals	Buna-N, Viton & EPDM 'O' rings
Window	Float glass(Std.), toughened glass, acrylic & safety glass.
Connection	1/4" NPT(F) Std. Optional 1/4" BSP(F)
Porting	In-line, rear, bottom, in-line & bottom
Over range protection	Up to the max. working pressure from high & low side
Protection for gauge & switch	IP 65 / NEMA-4

## Options

- Liquid filling
- Red follower pointer (except 2" & 6")
- Customer logo
- Dual scale
- Colour band
- Filter mesh in (+) connection
- Reverse port ( pointer moves from right to left)
- Descending calibration

## Switches (Adjustable in 20-100% of FSD)

- 1 or 2 SPSTs with a DIN plug
- 1 or 2 SPSTs with a terminal strip
- 1 or 2 SPSTs with a built in relay
- 1 or 2 SPDTs with a DIN plug
- 1 or 2 SPDTs with a terminal strip

