

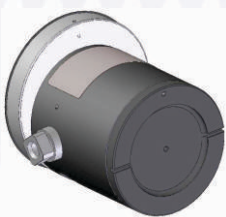


PR 10

ΔP Range: 0 to 0.25 upto 10 bar
0 to 5 upto 150 psi

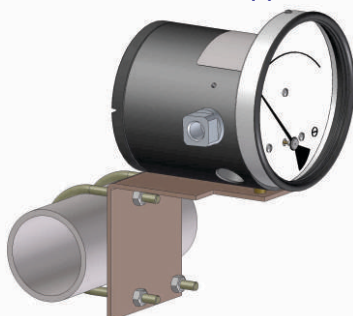
COMBINATIONS

Gauge + switch
(with a terminal strip inside)

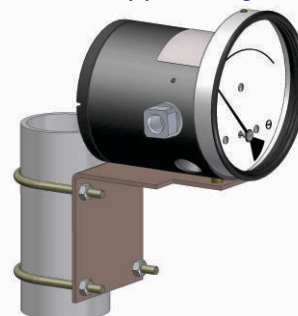


COMMON MOUNTING BRACKET

Horizontal pipe mounting



Vertical pipe mounting



Specifications

Accuracy	±2% of the FSD (Ascending)
Migration	Minor from high to low port
Range	0-0.25 to 0-10 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 & diaphragm
Case material & dial size	Stainless steel (SS 304): 4.5", 6.0"
Mounting	Direct or 2" horizontal / vertical pipe mounting bracket
Maximum working pressure	400 bar / 6000 psi
Maximum process temperature	0 to 80°C (32 to 175°F)
Body material	SS316 attached to flameproof aluminum enclosure
Diaphragm	Buna-N, Viton & EPDM.
Window	Float glass(Std.), toughened glass, & safety glass.
Connection	1/4" NPT(F) (Std.), 1/4" BSP(F) through adaptor
Porting	In-line only
Over range protection	Up to the max. working pressure from high & low side
Protection for gauge & switch	IP 66/ NEMA-4
Electrical connection	1/2"NPT(F) for 2 conduit ports at bottom, left and right 40° from center line
	Cable glands and plugs are not supplied with the instrument.
Net weight	Approximately 2.000 kgs.

Options

Switches (Adjustable in 30-100% of FSD)

Customer logo	1 or 2 SPSTs with a terminal strip
Dual scale	1 or 2 SPDTs with a terminal strip
Color band	
Filter mesh in (+) connection	

Approval

This gauge is
Ex d IIC T6 IP66
approved

SELECT MODEL

1 Series	PR 10		
2 Type	GS	Gauge + Switch	
	S	Switch	
3 Body material	S	SS-316 (in aluminum enclosure)	
4 Dial size	4.5	4.5" (115 mm)	
	6.0	6.0" (150 mm)	
5 Connection	4N	1/4" NPT (F) (Std.)	4B 1/4" BSP (F)
6 Porting	1	In-line	
7 Case	S4	SS 304 (Std.)	S6 SS 316
8 Window	F	Glass (Std.)	L Safety glass
	T	Toughened glass	
9 Seals/Diaphragm	B	Buna-N (Std.)	E EPDM
	V	Viton	
10 Switch	Select option & specification		

Advantages :

Instrument automatically resets after line surges and cold start.
This eliminates balancing of differential pressure instrument after such events.

Notes

- This gauge is Ex d IIC T6 IP66 approved.
- For SS 316 case, please contact factory (MOQ applies).
- Switch adjustment range between 30-100% of full scale deflection (FSD). For specific details, please contact factory.
- Mounting bracket: Aluminum (Standard) ; SS (Optional)

0	None
2	One SPST, with a terminal strip
4	Two SPSTs, with a terminal strip

+

SPST Specifications (AC/DC max)

1 Standard	2	3	4
10 VA	40 VA	100 VA	60 VA
100 V	230 V	300 V	240 V
0.5 Amp	1 Amp	1 Amp	3 Amp
Adjustable	Adjustable	Adjustable	Adjustable

6	One SPDT, with a terminal strip
8	Two SPDTs, with a terminal strip

+

SPDT Specifications (AC/DC max)

1 Standard	2	3
3 VA	5 VA	5 VA
30 V	125 V	175 V
0.3 Amp	0.25 Amp	0.25 Amp
Adjustable	Adjustable	Adjustable

Example: Switch selection 21 is 1 SPST with terminal strip
with switch specifications 10VA, 100V, 0.5Amp

11 Range

Standard ranges : (Other ranges & units on request)

Kg/cm ²	0.25	-	0.5	0.75	1	-	1.6	2	2.5	3	3.5	4	5	-	6	7	9	10
bar	0.25	-	0.5	0.75	1	-	1.6	2	2.5	3	3.5	4	5	-	6	7	9	10
mbar	250	-	500	750	1000	-	-	-	-	-	-	-	-	-	-	-	-	-
psi	-	5	8	-	15	20	25	30	-	40	50	60	-	80	-	100	-	-
kPa	25	-	50	75	100	-	160	200	250	300	350	400	500	-	600	700	900	1000

12 Options

O	None
C	Customer Logo
D	Dual scale
E	Colour band
F	Filter mesh in (+) connection
H	Descending calibration (long delivery time)
N	NACE
I	Oxygen service (Contact factory)
M1	2" horizontal pipe mounting bracket (In Aluminum)
M3	2" vertical pipe mounting bracket (In Aluminum)

Ordering code sequence

