

Low differential pressure gauge

Model: P880 series

Spec. sheet no. PD08-07

Service intended

This gauge is used to measure a pressure of air and gas duct, furnace draft, negative pressure room, also, a differential pressure of filter, venturi tube and etc. This gauge have a high quality, low cost, good appearance and wide scale range.



Nominal diameter

100 mm

Accuracy

±2.0% of full scale

-5 ~ 5, -25 ~ 25 and 0 ~ 10 mm : ±3.0% of full scale

0 ~ 3000 and 0 ~ 5000 mm : ±4.0% of full scale

Scale range (kPa)

-0.25 to 0.25 kPa, 0~50 kPa

Working pressure

- Steady pressure : 75% of full scale
- Over pressure protection : 100 kPa

Working temperature

Ambient : -10 ~ 60°C

Temperature effect

Accuracy at temperature above and below the reference temperature (20°C) will be effected by approximately ±1.0% per 10°C of full scale



Standard features

Pressure connection

1/8" NPT(F)

Dial

White aluminium with black graduations

Case and cover

Gray painted aluminium die casting

Pointer

Black painted aluminium alloy

Window

Acrylic resin

Element (Wetted parts)

Silicone rubber

1. Base model

P880 Low differential pressure gauge

2. Nominal diameter

4 100mm

3. Type of mounting

L Back connection, flush, case center mounting plate

4. Accuracy

- 5** ±2.0% of full scale
6 ±3.0% of full scale (-5 ~ 5, -25 ~ 25 and 0 ~ 10 mm)
7 ±4.0% of full scale (0~3000 and 5000 mm)

5. Process connection

B 1/8"

6. Connection type

D NPT(F)

7. Unit

- G** mm
J kPa

8. Range (mm)

432	-5 ~ 5	460	0 ~ 200
553	-25 ~ 25	462	0 ~ 300
422	-50 ~ 50	465	0 ~ 500
421	-100 ~ 100	469	0 ~ 1000
413	-500 ~ 500	437	0 ~ 2000
506	0 ~ 10	043	0 ~ 3000
510	0 ~ 50	040	0 ~ 5000
457	0 ~ 100	XXX	Other

9. Dial color

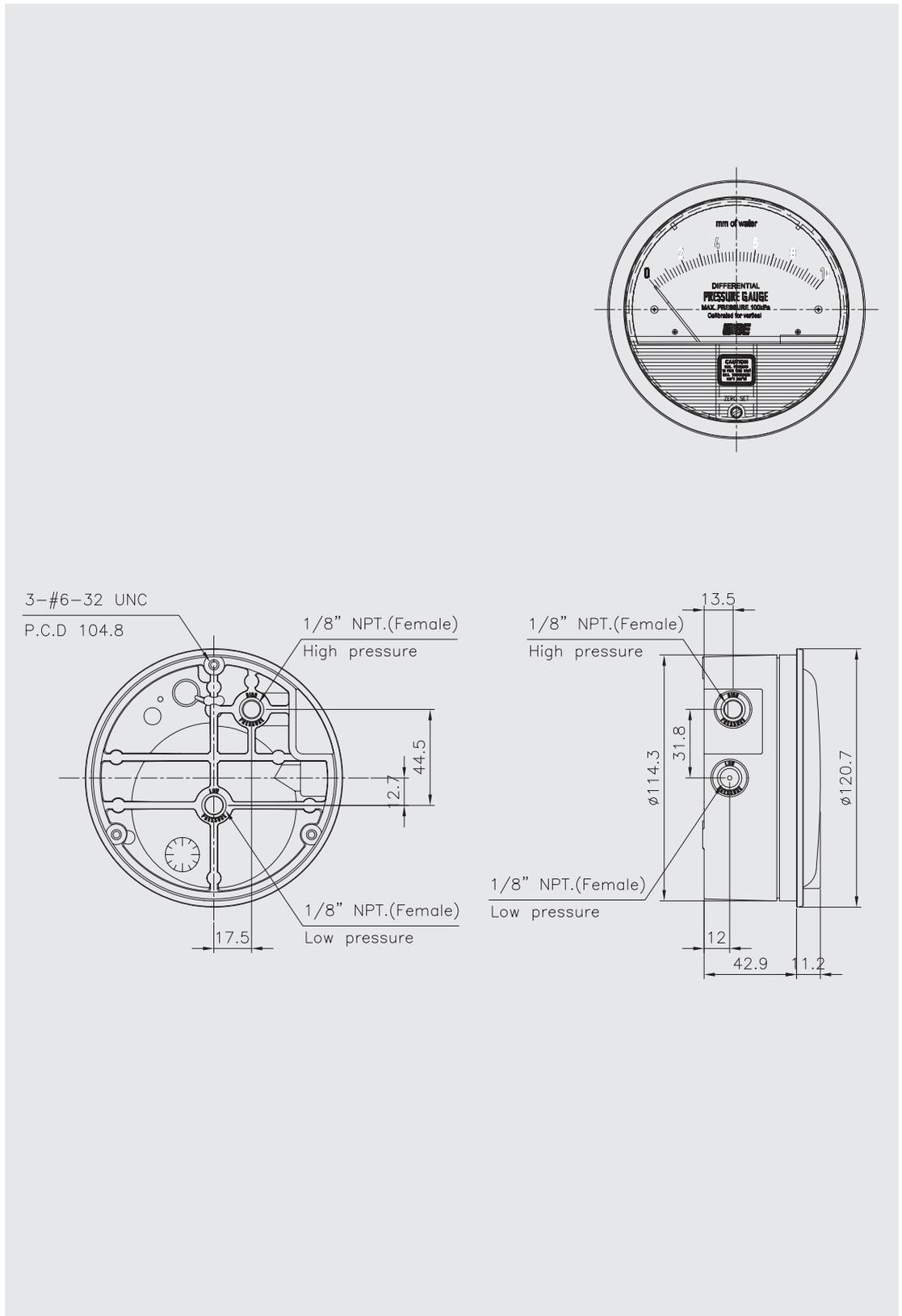
- 1** 2 colors
3 3 colors

10. Options

- 0** None
1 Mounting bracket

1	2	3	4	5	6	7	8	9	10	Sample ordering code
P880	4	L	5	B	D	J	432	1	0	

P880 : Type of mounting



A large empty rectangular box with a thin black border, intended for writing a memo.