

Low differential pressure gauge

Model: P880 series

Spec. sheet no. PD08-08

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 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
- Max. 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

WISE

Main order

Ordering information

1. Base model

P880 Low differential pressure gauge

2. Nominal diameter

4 100 mm

3. Type of mounting

L Back connection, flush, case center mounting plate

4. Accuracy

5 $\pm 2.0\%$ of full scale

6 $\pm 3.0\%$ of full scale (-5 ~ 5, -25 ~ 25 and 0 ~ 10 mm)

7 $\pm 4.0\%$ of full scale (0 ~ 3000 mm)

5. Process connection

B $\frac{1}{8}$ "

6. Connection type

D NPT(F)

7. Unit

G mm

J kPa

8. Range (mm)

432 -5 ~ 5 457 0 ~ 100

553 -25 ~ 25 460 0 ~ 200

422 -50 ~ 50 462 0 ~ 300

421 -100 ~ 100 465 0 ~ 500

418 -250 ~ 250 469 0 ~ 1000

413 -500 ~ 500 437 0 ~ 2000

506 0 ~ 10 043 0 ~ 3000

510 0 ~ 50 XXX Other

9. Dial color

1 2 colors

3 3 colors

10. Options

0 None

1 Mounting bracket

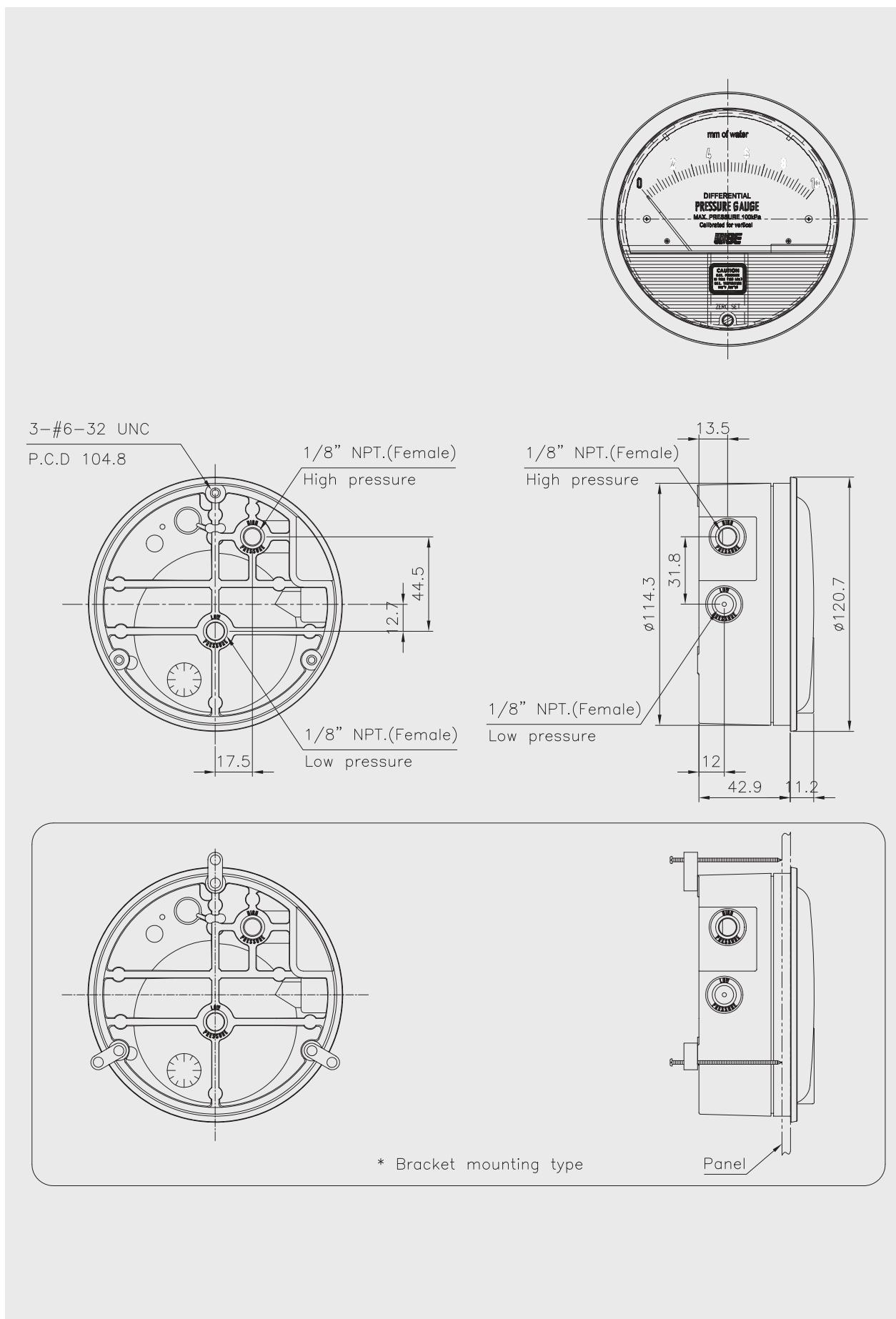
Sample ordering code

| | | | | | | | | | |
|------|---|---|---|---|---|---|-----|---|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| P880 | 4 | L | 5 | B | D | J | 432 | 1 | 0 |



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P880 : Type of mounting



Memo