

LOW PRESSURE GAUGE WITH ALUMINIUM CASE MODEL : P430 SERIES

WISE®

SERVICE INTENDED

The P430 Series are designed to measure low pressure or vacuum or compound pressure. These models have a stainless steel 316L measuring element which consists of two formed diaphragms which have been welded together.

NORMAL DIAMETER

100 and 150mm

ACCURACY

±1.5% of Full Scale

SCALE RANGE (mmH₂O, mbar, kPa)

-3000 ~ 0 to -200 ~ 0mmH₂O

-1500 ~ 1500 to -100 ~ 100mmH₂O and

0 ~ 200 to 0 ~ 3500mmH₂O

WORKING PRESSURE

Steady : 75% of Full Scale

Over Range Protection : 130% of Full Scale

WORKING TEMPERATURE

Ambient : -20 ~ 65°C

Fluid : -20 ~ 80°C



Standard Features

PRESSURE CONNECTION

Stainless Steel (316SS)

ELEMENT

Stainless Steel (316LSS)

CASE

Black Finished Aluminium

COVER

Black Finished Aluminium

WINDOW

Glass

MOVEMENT

Brass

DIAL

White Aluminium with
Black Graduations

POINTER

Aluminium alloy, Black painted

CONNECTION

3/8", 1/2" PT, NPT & PF

ORDERING INFORMATION

BASE MODEL PRESSURE

P430 : LOW PRESSURE GAUGE WITH ALUMINIUM CASE

NOMINAL DIAMETER

- 4 : 100mm
- 6 : 150mm

MOUNTING TYPE (Refer to Mounting type & Dimension)

- A : Bottom Connection, Direct
- B : Bottom Connection, Surface, Case Mounting Plate
- F : Center Back Connection, Direct, Not available with diameter 150mm.
- J : Center Back Connection, Flush, Cover Mounting Plate, Not available with diameter 150mm.

ACCURACY

- 4 : ±1.5% of Full Scale

PROCESS CONNECTION

- D : 3/8"
- E : 1/2"

CONNECTION TYPE

- B : PF
- C : PT
- D : NPT

UNIT

Refer to Pressure Unit & Range Table

RANGE

Refer to Pressure Unit & Range Table

PRESSURE CONNECTION
MAT'L AND DIALS COLOR

- 3 : 316SS & 2 Colors

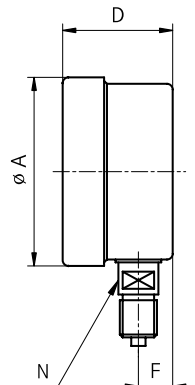
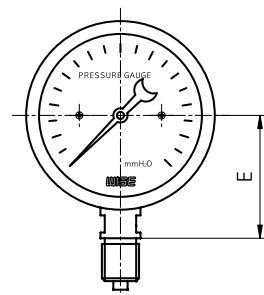
OPTIONS

- 0 : None
- 1 : Accessories

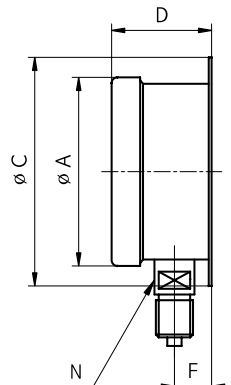
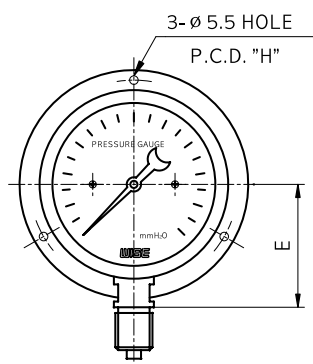
P430	4	A	4	E	C	G	122	1	0	SAMPLE MODEL NUMBER
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P430 : TYPE OF MOUNTING

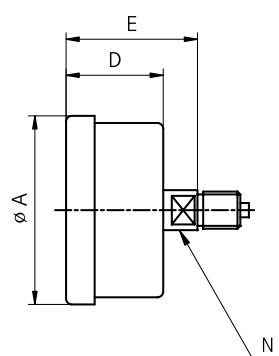
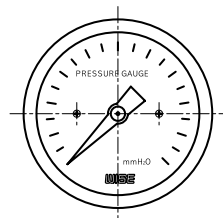
CODE A



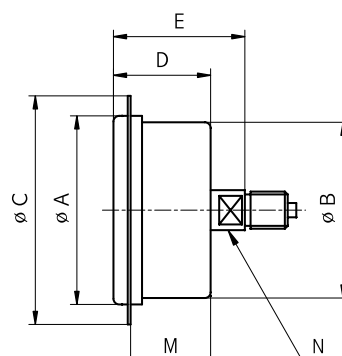
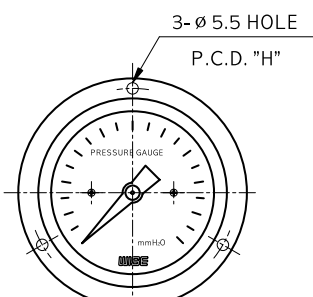
CODE B



CODE F



CODE J



Dimensions (mm)

DIAL SIZE	AVAILABLE CODE	A	B	C	D	E	F	H	M	N
100	A,B	110		130	63	80	26	118		17
	F,J	110	105	136	63	79		120	55	17
150	A,B	172		182	65	116	27	172		17

PRESSURE UNIT & RANGE TABLE

RANGE & CODE	UNIT & CODE			100mm	150mm
	G : mmH ₂ O	S : mbar	J : kPa		
001	-3000~0	-300~0	-30~0	○	○
103	-2500~0	-250~0	-25~0	○	○
002	-2000~0	-200~0	-20~0	○	○
003	-1500~0	-150~0	-15~0	○	○
004	-1000~0	-100~0	-10~0	○	○
006	-500~0	-50~0	-5~0	○	○
007	-400~0	-40~0	-4~0	○	○
008	-300~0	-30~0	-3~0	○	○
009	-200~0	-20~0	-2~0	○	○
073	-1500~1500	-150~150	-15~15	○	○
071	-1000~1000	-100~100	-10~10	○	○
014	-500~500	-50~50	-5~5	○	○
016	-400~400	-40~40	-4~4	○	○
018	-300~300	-30~30	-3~3	○	○
019	-250~250	-25~25	-2.5~2.5	○	○
020	-200~200	-20~20	-2~2	○	○
022	-100~100	-10~10	-1~1	○	○
061	0~200	0~20	0~2	○	○
063	0~300	0~30	0~3	○	○
065	0~400	0~40	0~4	○	○
066	0~500	0~50	0~5	○	○
070	0~1000	0~100	0~10	○	○
116	0~1500	0~150	0~15	○	○
117	0~2000	0~200	0~20	○	○
118	0~2500	0~250	0~25	○	○
119	0~3000	0~300	0~30	○	○
120	0~3500	0~350	0~35	○	○

○ : AVAILABLE × : NOT AVAILABLE