

— Main order —

1. Base model

- ☐ P252 : Industrial service pressure gauge
☐ P258 : Liquid filled industrial pressure gauge

2. Nominal diameter (mm)

- ☐ 2 : 63 ☐ 3 : 80 ☐ 4 : 100 ☐ 6 : 160

3. Type of mounting

- ☐ N : Lower back connection, flush, cover mounting plate

4. Accuracy

- ☐ 2 : $\pm 0.5\%$ of full scale.(Only available with diameter 100 and 160 mm)
☐ 3 : $\pm 1.0\%$ of full scale.(Not available with diameter 63 and 80 mm)
☐ 4 : $\pm 1.6\%$ of full scale.(Only available with diameter 63 and 80 mm)

5. Process connection

- ☐ B : 1/8"
☐ C : 1/4"
☐ D : 3/8", not available with diameter 63 mm
☐ E : 1/2", not available with diameter 63 and 80 mm

6. Connection type

- ☐ B : PF ☐ C : PT ☐ D : NPT
☐ F : BSPT ☐ G : BSP (G) ☐ Z : Other _____

7. Unit

- ☐ H : bar ☐ I : MPa ☐ J : kPa

— Sample ordering code —

1	2	3	4	5	6	7	8	9	10
P252	4	N	4	E	D	I	XXX	3	0

2									
1									
NO	REASON	DATE	PREPARED BY	CHECKED BY	APPROVED BY				

REVISION

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Unless otherwise specified
 Decimal dimensions ± 0.05
 Angle dimensions $\pm 1^\circ$
 Dimensions are in millimeter

8. Range

XXX : Refer to pressure unit and range table

9. Pressure connection material and dial color

- ☐ 3 : 316SS and 2 colors
☐ 4 : 316L SS and 2 colors
☐ 7 : 316SS and 3 colors
☐ 8 : 316L SS and 3 colors
☐ Z : Monel (Only available with diameter 100 and 160 mm)

10. Option

- ☐ 0 : None
☐ 1 : Accessories
☐ 2 : Silicone filling(P258)
☐ 3 : Accessories and silicone filling(P258)

11. Adjustable pointer

- ☐ 0 : None
☐ 1 : Zero adjustable pointer (Only available with diameter 100 and 160 mm)
☐ 2 : External zero adjustment (Only available with diameter 100 and 160 mm)

— Standard specifications —

1. Working pressure

Steady : 75% of full scale (63 and 80 mm)
 100% of full scale (100 and 160 mm)

Over range protection : 130% of full scale

2. Working temperature

Ambient : P252 : $-40 \sim 65^\circ\text{C}$
 P258 : $-20 \sim 65^\circ\text{C}$ (With glycerin filling)
 $-40 \sim 65^\circ\text{C}$ (With silicone filling)

Fluid : P252 : Max. 200°C

P258 : Max. 100°C (With glycerin/silicone filling)

3. Degree of protection

EN60529/IEC529/IP65 (P252)

EN60529/IEC529/IP67 (P258)

4. Element type : Bourdon tube

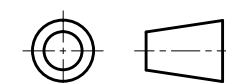
5. Mat'l

- 1) Case & Cover : Stainless steel
 2) Element : Stainless steel (316SS)
 3) Process connection : Stainless steel (316SS)
 4) Movement : Stainless steel
 5) Windows : Safety glass

6. Dimension

	A	B	C	D	E	F	M	G	H	Q
63mm	64	66	86	34	45	13	28	75	R2.1	115
80mm	81.2	83.2	108	39.5	53.5	22	35	95	R2.5	110
100mm	101.3	103.1	131	50	65	29	45	116	R2.5	128
160mm	160.6	164	192	52.5	67.5	29	47.5	117	R2.5	118

THIRD ANGLE PROJECTION



WISE

WISE CONTROL INC.

	SIGNATURE	DATE
PREPARED BY	K.S.LEE	18.06.01
REVIEWED BY	J.S.PARK	18.06.01
APPROVED BY	D.M.CHO	18.06.01
REV. NO.	0	

DRAWING TITLE :	"N" Type (Liquid filled)
Industrial service pressure gauge	
DWG NO.	P252(8)XXXN-S.T.D
SCALE : N/S	W.T.
SHEET OF	