

- 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

- ☐ L : Lower back connection, flush, case center 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	L	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

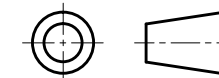
5. Mat'l

- 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
63mm	64	64.5	92	34	45	13	16.8	77~78	R2.1
80mm	81.2	81.5	112	39.5	53.5	22	21.8	94.5~95.5	R2.5
100mm	101.3	101	132	50	65	29	27.7	115~116	R2.5
160mm	160.6	162	192	52.5	67.5	29	28	175.5~176.5	R2.5

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