

— 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
 - ☐ W : Lower back connection, flush, cover mounting bracket
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	W	4	E	D	I	XXX	3	0

2									
1									
NO	REASON			DATE	PREPARED BY	CHECKED BY	APPROVED BY		

REVISION

WISE-C-QAP-0501-3 Rev.1 (A4W 297 * 210)

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

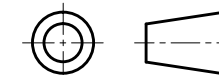
6. Dimension

	A	B	C	D	E	F	M
63mm	64	66	86	34	45	13	28
80mm	81.2	83.2	108	39.5	53.5	22	35
100mm	101.3	103.1	131	50	65	29	45
160mm	160.6	164	172	52.5	67.5	29	47.5

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Unless otherwise specified
Decimal dimensions ± 5
Angle dimensions $\pm 1^{\circ}$
Dimensions are in milli meter

THIRD ANGLE PROJECTION



	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	

WISE[®]

WISE Control Inc.

DRAWING TITLE :
"W" Type (Liquid filled)
Industrial service pressure gauge

DWG NO.
P252(8)XXXW-S.T.D

SCALE : N/S W.T. SHEET OF

주식회사 와이즈산전