

— 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

- ☐ G : Lower back connection, direct

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	G	4	E	D	I	XXX	3	0

2						
1						
NO	REASON	DATE	PREPARED BY	CHECKED BY	APPROVED BY	

REVISION

Process conn.

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.  $200^\circ\text{C}$

P258 : Max.  $100^\circ\text{C}$  (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

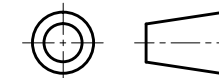
6. Dimension

	A	B	D	E	F
63mm	64	62	34	45	13
80mm	81.2	78.5	39.5	53.5	22
100mm	101.3	99	50	65	29
160mm	160.6	159	52.5	67.5	29

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Unless otherwise specified  
Decimal dimensions  $\pm 5$   
Angle dimensions  $\pm 1'$   
Dimensions are in milli meter

THIRD ANGLE PROJECTION



**WISE**<sup>®</sup>

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	

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