



— 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
  - ☐ B : Bottom connection, surface, case 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	B	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  $\pm 5$   
 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
  - ☐ 3 : Accessories and silicone filling
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 —

11. 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
12. 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)
13. Degree of protection  
 EN60529/IEC529/IP65 (P252)  
 EN60529/IEC529/IP67 (P258)
14. Element type : Bourdon tube
15. 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
16. Dimension

	A	C	D	E	F	G	H
63mm	64	85	37	41.7	15	74~75	R2.1
80mm	81.2	108	43	50.5	15.5	95	R2.5
100mm	101.3	133	54.4	65	19.4	116	R2.5
160mm	160.6	196	56	94	19.4	178	R2.9

THIRD ANGLE PROJECTION



**WISE**<sup>®</sup>

WISE Control Inc.

		SIGNATURE	DATE	DRAWING TITLE :	
PREPARED BY	K.S.LEE	18.06.01		"B" Type (Liquid filled)	
REVIEWED BY	J.S.PARK	18.06.01		Industrial service pressure gauge	
APPROVED BY	D.M.CHO	18.06.01		DWG NO.	
REV. NO.		0		P252(8)XXXB-S.T.D	
		SCALE : N/S	W.T.	SHEET OF	