

— Main order —

1. Base model
  - ☐ P253 : Industrial service pressure gauge
  - ☐ P259 : Liquid filled industrial pressure gauge
2. Nominal diameter (mm)
  - ☐ 2 : 63    ☐ 4 : 100    ☐ 6 : 160
3. Type of mounting
  - ☐ A : Bottom connection, direct
4. Accuracy
  - ☐ 3 :  $\pm 1.0\%$  of full scale. (Not available with diameter 63 mm)
  - ☐ 4 :  $\pm 1.6\%$  of full scale. (Only available with diameter 63 mm)
5. Process connection
  - ☐ C : 1/4"
  - ☐ D : 3/8", not available with diameter 63 mm
  - ☐ E : 1/2", not available with diameter 63 mm

— Sample ordering code —

1	2	3	4	5	6	7	8	9	10
P253	4	A	3	E	D	H	XXX	1	0

2						
1						
NO	REASON	DATE	PREPARED BY	CHECKED BY	APPROVED BY	

REVISION

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

6. Connection type
  - ☐ B : PF    ☐ C : PT    ☐ D : NPT
  - ☐ F : BSPT    ☐ G : BSP (G)    ☐ Z : Other \_\_\_\_\_

7. Unit

- ☐ H : bar    ☐ I : MPa    ☐ J : kPa

8. Range

XXX : Refer to pressure unit and range table

9. Dial color

- ☐ 1 : 2 colors    ☐ 5 : 3 colors

10. Option

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

— Standard specifications —

11. Working pressure

Steady : 75% of full scale (63 mm)

100% of full scale (100 and 160 mm)

Over range protection : 130% of full scale

12. Working temperature

Ambient : P253 :  $-20 \sim 60^\circ\text{C}$

P259 :  $-20 \sim 65^\circ\text{C}$  (With glycerin filling)

$-40 \sim 65^\circ\text{C}$  (With silicone filling)

Fluid : Max.  $60^\circ\text{C}$

13. Degree of protection

EN60529/IEC529/IP65 (P253)

EN60529/IEC529/IP67 (P259)

14. Element type : Bourdon tube

15. Mat'l

1) Case & Cover : Stainless steel (304SS)

2) Element : Brass

3) Process connection : Brass

4) Movement

63mm : Brass

100 and 160 mm : Stainless steel

5) Windows : Safety glass

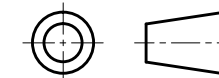
16. Dimension

	A	B	D	E	F
63mm	64	62	34	41.7	11
100mm	101.3	99	50	65	16
160mm	160.6	159	52.5	94	15.8

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

THIRD ANGLE PROJECTION



SIGNATURE		DATE	DRAWING TITLE :	
PREPARED BY	K.S.LEE	18.06.01		
REVIEWED BY	J.S.PARK	18.06.01	"A" Type (Liquid filled)	
APPROVED BY	D.M.CHO	18.06.01	Industrial service pressure gauge	
REV. NO.			DWG NO.	
0			P253(9)XXA-S.T.D	
			SCALE : N/S	SHEET OF

**WISE**<sup>®</sup>

WISE Control Inc.