

6. Connection type

- ☐ B : PF ☐ C : PT ☐ D : NPT
☐ F : BSPT ☐ G : BSP (G)

7. Unit

- ☐ H : bar ☐ I : MPa
☐ J : kPa ☐ Z : Other _____

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

10. Option

- ☐ 0 : None
☐ 1 : Accessories
☐ 8 : Silicone filling
☐ 9 : Glycerin 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 : -40 ~ 65°C
 -20 ~ 65°C (With glycerin filling)
 -40 ~ 65°C (With silicone filling)

Fluid : Max. 200°C

Max. 100°C (With glycerin filling)

Max. 100°C (With silicone filling)

13. Degree of protection

EN60529/IEC529/IP67

14. Element type : Bourdon tube

15. Mat'l

- 1) Case & Cover : Stainless steel (304SS)
 2) Element : Stainless steel (316SS)
 3) Process connection : Stainless steel (316SS)
 4) Movement : Stainless steel
 5) Windows : Safety glass

16. Dimension

Dial size	A		B		D		E		F	
	S.T.D	External	S.T.D	External	S.T.D	External	S.T.D	External	S.T.D	External
63	64	62	42.5	-	61	-	17.2	-		
100	101.3	99	59	61	88		25.5	27.5		
160	160.8	159.6	62		113		25.6			

- Main order -

1. Base model : P257 (Safety pattern type pressure gauge)
 2. Nominal diameter (mm)
☐ 2 : 63 ☐ 4 : 100 ☐ 6 : 160
 3. Type of mounting
☐ A : Bottom connection, direct
 4. Accuracy
☐ 2 : $\pm 0.5\%$ of full scale.(Not available with diameter 63 mm)
☐ 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
☐ B : 1/8"
☐ 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
P257	4	A	3	C	D	H	XXX	3	9

2									
1									
NO	REASON			DATE	PREPARED BY	CHECKED BY	APPROVED BY		

REVISION

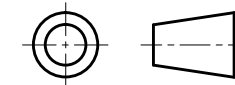
WISE-C-QAP-0501-3 Rev.1 (A4W 297 * 210)

This drawing and the specifications are the intellectual property of WISE CONTROL INC. therefore, without a prior written consent from WISE CONTROL INC., it is strictly prohibited to reproduce the drawing or manufacture the identical products according to its specifications provided here.

Unless otherwise specified

Decimal dimensions ± 5
 Angle dimensions $\pm 1^\circ$
 Dimensions are in millimeter

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 :		
"A" Type		
Safety pattern type pressure gauge		
DWG NO.		
P257XXXXA-S.T.D		
SCALE : N/S	W.T.	SHEET OF

주식회사 와이즈산전