

— Main order —

1. Base model : P257 (Safety pattern type pressure gauge)
2. Nominal diameter (mm)
  - ☐ 4 : 100    ☐ 6 : 160
3. Type of mounting
  - ☐ C : Bottom connection, surface, cover mounting plate
4. Accuracy
  - ☐ 2 :  $\pm 0.5\%$  of full scale.
  - ☐ 3 :  $\pm 1.0\%$  of full scale.
5. Process connection
  - ☐ B : 1/8"
  - ☐ C : 1/4"
  - ☐ D : 3/8"
  - ☐ E : 1/2"

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 : 100% of full scale  
Over range protection : 130% of full scale
12. Working temperature
 

Ambient :  $-40 \sim 65^\circ\text{C}$   
            $-20 \sim 65^\circ\text{C}$  (With glycerin filling)  
            $-40 \sim 65^\circ\text{C}$  (With silicone filling)  
       Fluid : Max.  $200^\circ\text{C}$   
               Max.  $100^\circ\text{C}$  (With glycerin filling)  
               Max.  $100^\circ\text{C}$  (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	C	D		E		F		M		G	Q
				S.T.D	External	S.T.D	External	S.T.D	External	S.T.D	External		
100	101.3	103.1	130.5	59	61	88		25.5	27.5	53.5	55.5	116	28
160	160.8	164	196	62	-	113	-	25.6	-	57	-	178	18

— Sample ordering code —

1	2	3	4	5	6	7	8	9	10
P257	4	C	3	C	D	H	XXX	3	9

2						
1						
NO	REASON	DATE	PREPARED BY	CHECKED BY	APPROVED BY	

REVISION

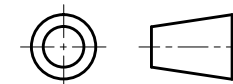
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Unless otherwise specified

Decimal dimensions  $\pm 0.5$   
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**<sup>®</sup>

WISE Control Inc.

DRAWING TITLE :  
"C" TYPE (LIQUID FILLED)  
SOLID FRONT SAFETY PRESSURE GAUGE

DWG NO.  
P257XXXC-S.T.D

SCALE : N/S    W.T.    SHEET OF

주식회사 와이즈산전