

— Main order —

1. Base model : P257 (Safety pattern type pressure gauge)
2. Nominal diameter (mm)
 - ☐ 2 : 63 ☐ 4 : 100
3. Type of mounting
 - ☐ M : Lower back connection, flush, case center mounting bracket
4. Accuracy
 - ☐ 2 : $\pm 0.5\%$ of full scale.(Not available with diameter 63mm)
 - ☐ 3 : $\pm 1.0\%$ of full scale.(Not available with diameter 63mm)
 - ☐ 4 : $\pm 1.6\%$ of full scale.(Only available with diameter 63mm)
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

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 3colors
- ☐ 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 mm)
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°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

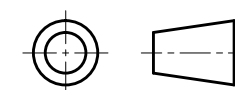
Dial size	A	B	C	D		E		F		M		G	H
				S.T.D	External	S.T.D	External	S.T.D	External	S.T.D	External		
63	64	62	68	42.5	-	70	-	16.7	-	34	-	75	M3X0.5
100	101.3	99	108	59	61	98.5	100.5	29		48	50	116	M4X0.7

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Unless otherwise specified

Decimal dimensions ± 5
Angle dimensions $\pm 1^{\circ}$
Dimensions are in milli meter

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 :
"M" TYPE (LIQUID FILLED)
SOLID FRONT SAFETY PRESSURE GAUGE

DWG NO.

P257XXXM-S.T.D

SCALE : N/S W.T. SHEET OF

— Sample ordering code—

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

2									
1									
NO	REASON			DATE	PREPARED BY	CHECKED BY	APPROVED BY		

REVISION