

— 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
 - ☐ B : Bottom connection, surface, case mounting plate
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	B	3	E	D	I	XXX	1	0

2						
1						
NO	REASON	DATE	PREPARED BY	CHECKED BY	APPROVED BY	

REVISION

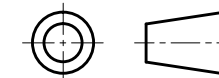
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Unless otherwise specified
 Decimal dimensions ± 5
 Angle dimensions $\pm 1^\circ$
 Dimensions are in milli meter

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°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	C	D	E	F	G	H
63mm	64	85	37	41.7	15	74~75	R2.1
100mm	101.3	133	54.4	65	19.4	115~116	R2.5
160mm	160.6	196	56	94	19.3	178	R2.9

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 :	"B" Type (Liquid filled)
Industrial service pressure gauge	
DWG NO.	P253(9)XXXB-S.T.D
SCALE : N/S	W.T.
SHEET	OF