

— Main order —

1. Base model
  - ☐ P253 : Industrial service pressure gauge
  - ☐ P259 : Liquid filled industrial pressure gauge
2. Nominal diameter (mm)
  - ☐ 4 : 100
3. Type of mounting
  - ☐ W : Lower back connection, flush, cover mounting bracket
4. Accuracy
  - ☐ 3 :  $\pm 1.0\%$  of full scale.
5. Process connection
  - ☐ C : 1/4"
  - ☐ D : 3/8"
  - ☐ E : 1/2"

— Sample ordering code —

1	2	3	4	5	6	7	8	9	10
P253	4	W	3	E	D	I	XXX	1	0

2						
1						
NO	REASON	DATE	PREPARED BY	CHECKED BY	APPROVED BY	

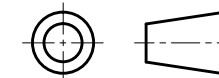
REVISION

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Unless otherwise specified  
 Decimal dimensions  $\pm 5$   
 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 : 100% of full scale
  - 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 : Stainless steel
  - 5) Windows : Safety glass

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 :  
 "W" Type (Liquid filled)  
 Industrial service pressure gauge  
 DWG NO.  
 P253(9)XXXW-S.T.D

SCALE : N/S    W.T.    SHEET OF