

— Main order —

- Base model : P255 (Crimp-on-ring case pressure gauge)
- Nominal diameter (mm)
 - ☐ 2 : 63
 - ☐ 3 : 80
 - ☐ 4 : 100
- Type of mounting
 - ☐ W : Lower back connection, flush, cover mounting bracket
- Accuracy
 - ☐ 3 : $\pm 1.0\%$ of full scale.(Only available with diameter 100 mm)
 - ☐ 4 : $\pm 1.6\%$ of full scale.(Only available with diameter 63 and 80 mm)
- Process connection
 - ☐ C : 1/4"
 - ☐ D : 3/8", not available with diameter 63 mm
 - ☐ E : 1/2", not available with diameter 63 and 80 mm
 - ☐ P : 7/16"(UNF)

6. Connection type

- ☐ B : PF
- ☐ C : PT
- ☐ D : NPT
- ☐ E : UNF
- ☐ 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. Pressure connection material and dial color

- ☐ 3 : 316SS and 2 colors
- ☐ 7 : 316SS and 3 colors

10. Option

- ☐ 0 : None
- ☐ 9 : Glycerin filling

— Standard specifications—

11. Working pressure

Steady : 75% of full scale

Over range protection : 130% of full scale

12. Working temperature

Ambient : $-40 \sim 60^\circ\text{C}$

$-20 \sim 65^\circ\text{C}$ (With glycerin filling)

Fluid : Max. 200°C

Max. 100°C (With glycerin filling)

13. Degree of protection

EN60529/IEC529/IP67

14. Element type : Bourdon tube

15. Mat'l

- Case & Cover : Stainless steel (Only 304SS)
- Element : Stainless steel
- Process connection : Stainless steel (316SS)
- Movement : Stainless steel
- Windows : Safety glass

16. Dimension

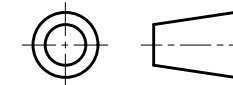
| | A | B | D | E | F | M |
|-------|-------|------|----|----|----|------|
| 63mm | 67.8 | 62 | 34 | 45 | 13 | 26.5 |
| 80mm | 84.8 | 78.5 | 36 | 50 | 22 | 31.5 |
| 100mm | 106.8 | 99 | 47 | 62 | 29 | 40.5 |

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Unless otherwise specified

Decimal dimensions ± 0.05
Angle dimensions $\pm 1^\circ$
Dimensions are in milli meter

THIRD ANGLE PROJECTION



WISE[®]

WISE Control Inc.

| | 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 | |

DRAWING TITLE :
"W" Type Crimp-on-ring
case pressure guage

DWG NO.
P255XXXW-S.T.D

SCALE : N/S W.T. SHEET OF

— Sample ordering code—

| | | | | | | | | | |
|------|---|---|---|---|---|---|-----|---|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| P255 | 4 | W | 4 | E | D | I | XXX | 3 | 0 |

| | | | | | |
|----------|--------|------|-------------|------------|-------------|
| 2 | | | | | |
| 1 | | | | | |
| NO | REASON | DATE | PREPARED BY | CHECKED BY | APPROVED BY |
| REVISION | | | | | |