

— Main order —

1. Base model : P255 (Crimp-on-ring case pressure gauge)
2. Nominal diameter (mm)
  - ☐ 2 : 63    ☐ 3 : 80    ☐ 4 : 100
3. Type of mounting
  - ☐ L : Lower back connection, flush, case center mounting plate
4. 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)
5. 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.  $200^{\circ}\text{C}$
  - Max.  $100^{\circ}\text{C}$  (With glycerin filling)
13. Degree of protection
  - EN60529/IEC529/IP67
14. Element type : Bourdon tube
15. Mat'l
  - 1) Case & Cover : Stainless steel (Only 304SS)
  - 2) Element : Stainless steel
  - 3) Process connection : Stainless steel (316SS)
  - 4) Movement : Stainless steel
  - 5) Windows : Safety glass
16. Dimension

	A	B	C	D	E	F	M	G	H
63mm	67.8	64.5	92	34	45	13	22	77~78	R2.1
80mm	84.8	80.8	112	36	50	22	26.8	94.5~95.5	R2.1
100mm	106.8	100.4	132	47	62	29	36	115~116	R2.1

— Sample ordering code—

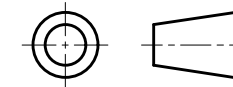
1	2	3	4	5	6	7	8	9	10
P255	4	L	4	E	D	I	XXX	3	0

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

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Unless otherwise specified  
 Decimal dimensions  $\pm 0.05$   
 Angle dimensions  $\pm 1^{\circ}$   
 Dimensions are in milli meter

THIRD ANGLE PROJECTION



SIGNATURE		DATE	DRAWING TITLE : "L" Type Crimp-on-ring case pressure guage		
PREPARED BY	K.S.LEE	18.06.01			
REVIEWED BY	J.S.PARK	18.06.01	DWG NO. P255XXXL-S.T.D		
APPROVED BY	D.M.CHO	18.06.01			
REV. NO.	0		SCALE : N/S	W.T.	SHEET OF

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