

UNIJIN[®] INDUSTRIAL PRESSURE GAUGE

Model : P254 (Dry) / P255 (Oil Filled)

P254 (Dry) & P255 (Oil Filled) with crimp casing models are designed for corrosive environment which do not corrode copper alloy and have high viscosity or do not crystallize. Systems or equipment with pulsating pressure & vibration are apparent, the oil filled model is recommended.



Standard Specification

Dial Size

63, 100 mm

Scale Range (kgf/cm², psi, bar, kPa, MPa)

-76cmHg ~ 0 to 0 ~ 700 kgf/cm²

Blow Protection

Top, Rubber

Working Pressure

75% of Full Scale

Accuracy

± 1.6% of Full Scale

Working Temperature

Ambient : -20 ~ 60°C

Process : Max 60°C, Max 65°C for Oil Filled model

Material

Case & Cover : 304SS

Window : Polycarbonate Clear

Movement : Brass

Element Tube : 316SS

Connection : 316SS

Oil Filling : Glycerin Oil

Pressure Gauge Ordering Information

Model

P254 / P255

Mounting Type

A: Direct bottom connection

B: Bottom connection with surface mounting plate

D: Direct center back connection

BD: Center back connection with panel mounting plate

BDC : Center back connection with clamp

Dial Size

63, 100mm

Scale Range

Connection Type

1/4" BSPT, NPT, BSP

3/8" BSPT, NPT, BSP

Options

Oil Filled

Example of Order

Model

P254

Mounting Type

(A)

Dial Size

63mm

Scale Range

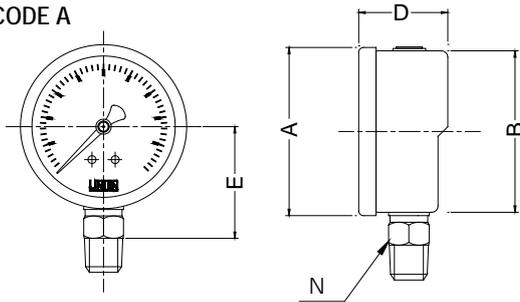
0~ 7 kgf/cm²

Connection

3/8" BSPT

Basic Dimensions

CODE A

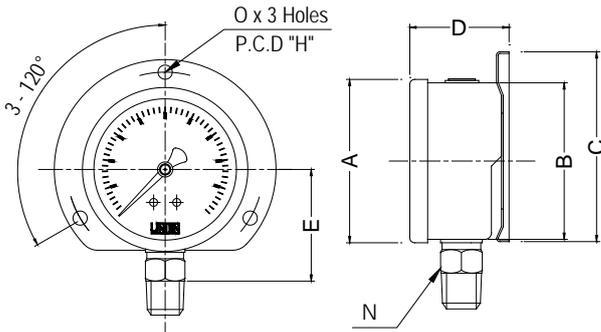


A: Direct bottom connection

Unit : mm

	ø 40	ø 63	ø 100
A	46.7	71.0	109.0
B	41.0	62.7	99.0
D	25.0	36.3	36.0
E	30.0	43.0	65.0
N	12.0	14.0	17.0

CODE B

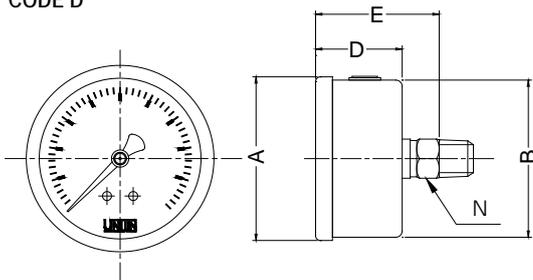


B: Bottom connection with surface mounting plate

Unit : mm

	ø 63	ø 100
A	71.0	109.0
B	62.7	99.0
C	79.0	122.0
D	39.2	41.0
E	43.0	65.0
H	78.4	117.5
N	14.0	17.0
O	4.3	6.0

CODE D

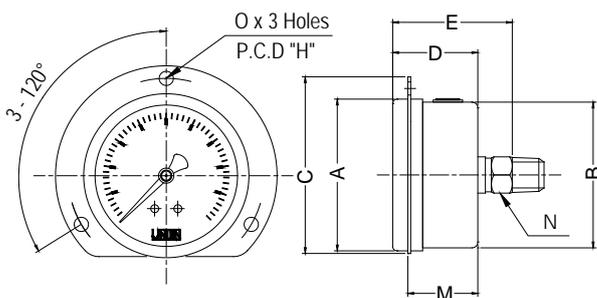


D: Direct center back connection

Unit : mm

	ø 40	ø 63
A	46.7	71.0
B	41.0	62.7
D	25.0	36.0
E	38.0	51.0
N	12.0	14.0

CODE BD

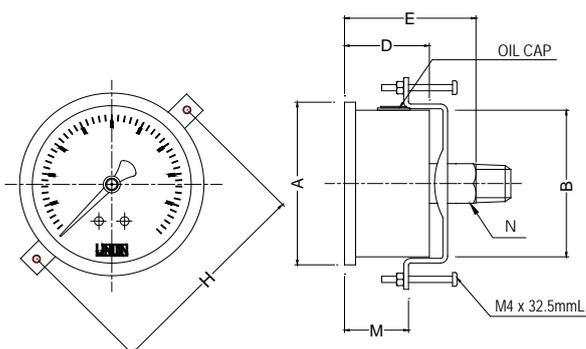


BD: Center back connection with panel mounting

Unit : mm

	ø 63
A	71.0
B	62.7
C	87.6
D	36.0
E	51.0
H	78.4
M	26.0
N	14.0
O	4.3

CODE BDC



BDC: Center back connection with clamp

Unit : mm

	ø 63
A	71.0
B	62.7
D	36.0
E	51.0
H	82.0
M	27.0
N	14.0
O	4.3