

FULLY STAINLESS STEEL PRESSURE GAUGE



P252 (Dry) & P258 (Oil Filled) with bayonet casing models are designed for corrosive environment which do not have high viscosity or do not crystallize. Typical applications include chemical, petrochemical, refining, marine, food industry and etc. System or equivalent with pulsating pressure or mechanical shock & vibration are apparent, the oil filled model is recommended.

Standard Specification

Dial Size

2-1/2" (63mm) and 4" (100mm)

Scale Range (bar, psi)

| 2-1/2" (63mm) Ø | 4" (100mm) Ø |
|-----------------------|-------------------------|
| : 0 ~ 4 bar (60psi) | : 0 ~ 4 bar (60psi) |
| : 0 ~ 7 bar (100psi) | : 0 ~ 7 bar (100psi) |
| : 0 ~ 10 bar (150psi) | : 0 ~ 10 bar (150psi) |
| : 0 ~ 16 bar (230psi) | : 0 ~ 16 bar (230psi) |
| : 0 ~ 20 bar (300psi) | : 0 ~ 20 bar (300psi) |
| : 0 ~ 30 bar (450psi) | : 0 ~ 30 bar (450psi) |
| | : 0 ~ 40 bar (600psi) |
| | : 0 ~ 55 bar (800psi) |
| | : 0 ~ 70 bar (1000psi) |
| | : 0 ~ 100 bar (1500psi) |

Connection Type

| | |
|---------------|-------------|
| 2-1/2" (63mm) | : 1/4" BSPT |
| 4" (100mm) | : 1/2" NPT |

Degree Protection

IP65 & IP67

Mounting Type

- (A) : Direct bottom connection
- (D) : Direct back connection

Accuracy

| | |
|---------------|----------------------|
| 2-1/2" (63mm) | ± 1.6% of Full Scale |
| 4" (100mm) | ± 1.0% of Full Scale |

Working Temperature

| | |
|---------|---|
| Ambient | : -20 ~ 60°C |
| Process | : Max 200°C, : -20°C ~ 80°C for oil filled model |

Material

| | |
|--------------|------------------------------|
| Case & Cover | : SS304 |
| Movement | : SS304 |
| Element Tube | : SS316 |
| Connection | : SS316 |
| Oil Filling | : Glycerin Oil / Silicon Oil |

Window

| | |
|---------------|-----------------------|
| 2-1/2" (63mm) | : Polycarbonate Clear |
| 4" (100mm) | : Tempered Glass |