

Digital Micro Differential Pressure Gauge



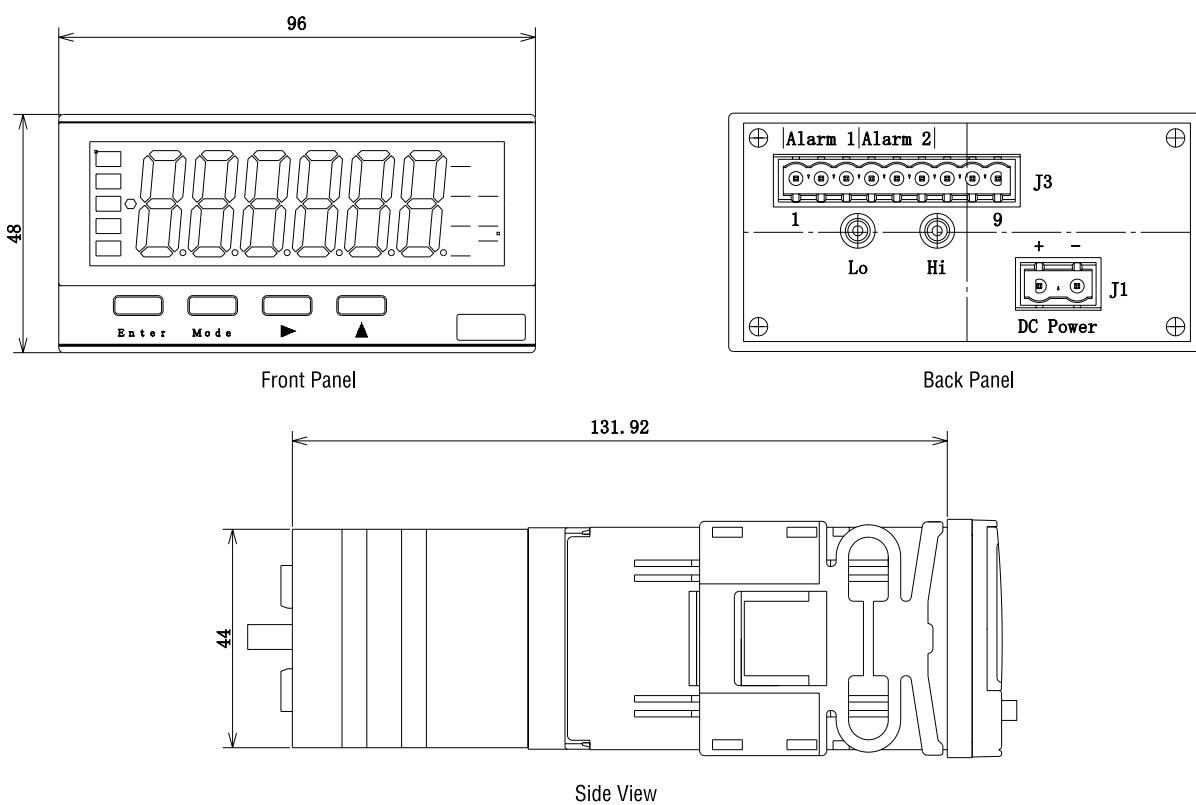
PCZ-300 series is high performance micro differential pressure gauge measurable from minimal pressure at 25Pa. By adopting flow sensor instead of diaphragm for pressure-sensing part, superior repeat accuracy is achieved without affected by mounting orientation. And there is no concern over zero drift.

- Measurable from minimal pressure at 25Pa.
- High accuracy low pressure area measurement by adopting flow sensing methodological principle. No zero drift.
- Indicator built-in design suitable for on-site monitoring of air-conditioning, semiconductor facilities or equipment.
- Bright and viewable large LED display (9999) used, relay contact (two-point) as standard.

Specification

| Pressure Range | Model | 25P | 125P |
|-----------------------------------|---|----------|-----------|
| | Pa | 0 to 25 | 0 to 125 |
| | mmH ₂ O | 0 to 2.5 | 0 to 12.5 |
| Part that Contact Gas (Liquid) | Glass (nitride silicon, oxide silicon), PPS, PEEK, FR4 | | |
| Measurement Media | Air, N ₂ (for other gas, please contact us) | | |
| Accuracy | ±1%FS + 2digit | | |
| Breaking Pressure | 0.2MPa | | |
| Excitation (Power Supply) Voltage | DC 24V ± 10% or AC 100V ±10% | | |
| Storage Temperature | -10 to 70°C | | |
| Guaranteed Temperature | 0 to 50°C | | |
| Temperature Drift | 0.02%FS/°C | | |
| Warm-up Period | Approximately 1 minute | | |
| Display | 4 digits LED display (height of character 20mm), normal green display is automatically switched to red display when relay is output | | |
| Pressure Port | 3/16 inch (inner diameter) hose is connected | | |
| Comparator Output | Relay contact x2 output | | |
| Display Unit | Pa, KPa, mmH ₂ O | | |

Dimensional Outline Drawings



Micro Differential Pressure Gauge

How to Order

PCZ - 300 - **25P** - **D** - **1**

25P : 0 to 25Pa
125P : 0 to 125Pa

D : DC 24V
A : AC 100V

1 : Pa
2 : KPa
3 : mmH₂O

※ Specification is subject to change without notice.