

# Digital Micro Differential Pressure Gauge



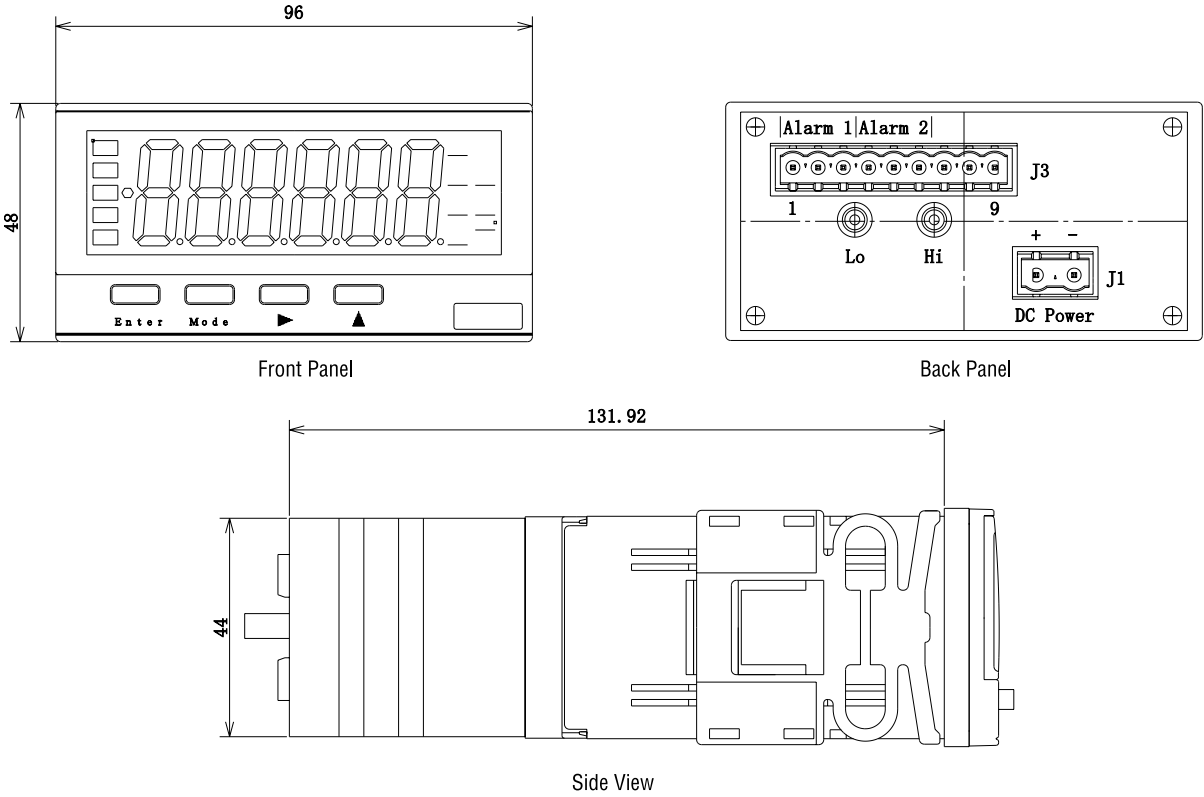
PCZ-300 series is high performance micro differential pressure gauge measurable from minimal pressure at 25Pa. By adopting flow sensor instead of diaphragm for pressure-sensing part, superior repeat accuracy is achieved without affected by mounting orientation. And there is no concern over zero drift.

- 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 <sub>2</sub> 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 <sub>2</sub> (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℃	
Guaranteed Temperature		0 to 50℃	
Temperature Drift		0.02%FS/℃	
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 <sub>2</sub> O	

Dimensional Outline Drawings



How to Order

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

Pressure Range      Voltage      Display Unit

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

D : DC 24V  
A : AC 100V

1 : Pa  
2 : KPa  
3 : mmH<sub>2</sub>O

※Specification is subject to change without notice.