

# Precision Low Differential Pressure Calibrator

## Pressure Specification

### Internal Sensor Ranges:

±100 pa, ±500pa, ±1000pa,  
±2500pa, ±5000pa, ±10000pa

### Accuracy:

0.025% FS or 0.01% FS

### Pressure Resolution:

User selectable 4/5/6 Digits

### Temperature Compensation:

0 ~ 50 °C

### Selectable Engineering Units:

Mpa, kPa, pa, bar, kg/cm<sup>2</sup>, psi, mbar,  
mmHg@0°C, inHg@0°C,  
mmH<sub>2</sub>O@4°C/20°C, inH<sub>2</sub>O@4°C/20°C.

### Process Connection:

High/Low ports: 6mm hose push-in  
connector

### Media Compatibility:

Clean dry Gas

## Electrical Inputs

### mA Input Range:

±0 ~ 24 mA(24 VDC Loop Power)

### mA Input Accuracy:

0.01 % FS

### Volts Input Range:

±0 ~ 30 VDC

### Volts Input Accuracy:

0.025 % FS

### Switch Input:

Non-contact Input

## General Specification

### Display:

LCD Graphic Module 128 x 64 dots

### Warm Up Time:

5 mins

### Communication:

RS232

### Size:

160 x 45 x 105mm

### Weight:

1.3 kg

### Enclosure Rating:

IP 65/ NEMA 4

### Operating Temperature:

-10 ~ 60 °C

### Power / Operating Hours:

72 hours / Per Charge 3 hours



PPC-LD Series

- 6 Digits Resolution
- High Accuracy from 0.025% F.S to 0.01 % FS
- Multi-Engineering Units Selection
- Electrical Inputs with Loop Power
- Pressure Switch Test

## Ordering Information

### Model:

PPC - LD - XX - AA

(XX: Pressure Range from ±100pa ~ 10000pa)

(AA: Accuracy of 0.01% FS or 0.025% FS)

### Standard accessories:

- 1) Basic Unit (PPC)
- 2) Battery Charger/ Adaptor
- 3) Operating Manual
- 4) Accredited Calibration Certificate
- 5) Factory Warranty 1 year