

Model DPD

Compact Size Differential Pressure Transmitter with Local Indication

Description

DPD model is ideal for the application (such as HVAC) with differential pressure, vacuum pressure, gauge pressure and especially low pressure of non-corrosive gases or air measured. Analog output 4~20mA, 2wire and it provides LCD display.

Features

- ▶ 3 1/2 digit LCD display
- ▶ 2Wire 4~20mA analog output
- ▶ Measuring range 0~300Pa ... 100kPa diff.
- ▶ 0.5%FS accuracy
- ▶ Piezoresistive silicon cell
- ▶ Use with non-corrosive, non-ionic media

Applications

- ▶ Airflow Measurement
- ▶ Room Static Pressure
- ▶ VAV Box
- ▶ Lab/Fume Hood Control
- ▶ Clean Room Control



Specifications

Range

0~300, 500Pa / 1, 2, 5, 10, 20, 50, 100kPa

Performance

Accuracy	±0.5%FS ± 1digit
Thermal Effect on Zero	±0.08%FS/°C
Thermal Effect on Span	±0.08%FS/°C
Compensated Temperature Range	0 ~ 50°C
Operating Temperature Range	-10 ~ 70°C

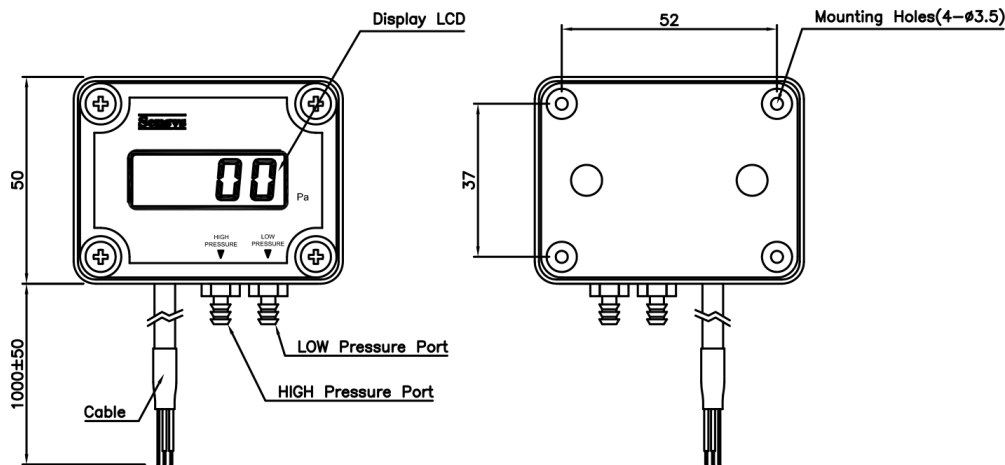
Electrical

Display	±1999(3 1/2) Digit LCD
Excitation	14 ~ 28VDC
Output	4~20mA (2Wire)
Electrical Connection	Cable

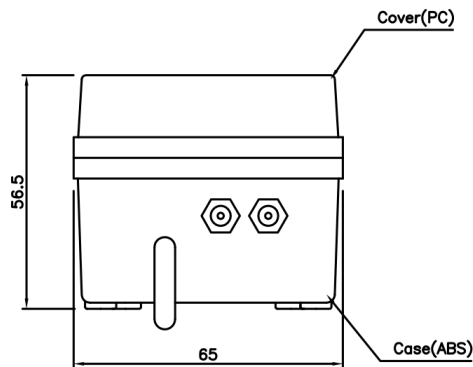
Physical

Proof Pressure	300%FS Max.
Burst Pressure	500%FS Min.
Vibration	49.1m/s ² {5G}, 10~500Hz
Shock	490m/s ² {50G}
Pressure Port	1/8" Nipple
Media-Wetted Materials	Brass(Ni plated), SiO ₂ , Si Rubber
Weight	Approx. 150g

Dimension



Wire Color	Connections
Red	Input ⊕
Shield	Earth
Blue	Output ⊕



Ordering Information

Model Name	DPDH 0750 A	Pressure Unit
Pressure Range		A : Pa D : mmH ₂ O K : kgf/cm ² B : bar R : kPa C : cmH ₂ O H : mmHg P : psi

· Specifications are subject to change without notice.