

Model DPL

Differential Pressure Transmitter with Local Indication

Description

DPL 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 0~50mmH₂O ... 7kgf/cm² 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

0~50, 100, 200, 500mmH₂O / 0~0.1, 0.2, 0.5, 1, 2, 4, 7kgf/cm²

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	-20 ~ 70°C

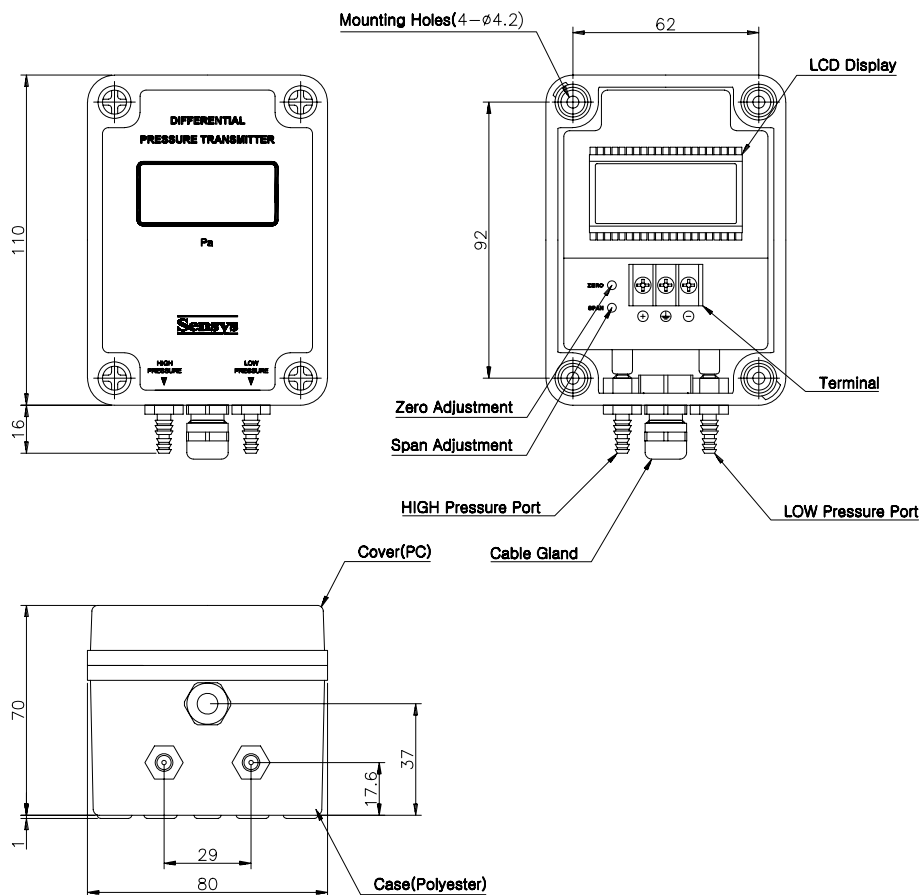
Electrical

Display	±1999(3 1/2) Digit LCD
Excitation	11 ~ 28VDC
Output	4~20mA (2Wire)
Electrical Connection	Cable Gland

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", 3/16" Nipple
Media-Wetted Materials	BsP, SiO ₂ , Si Rubber
Protection	IP66
Weight	Approx. 350g

Dimension



Wire Color	Connections
$\oplus$	Input $\oplus$
$\pm$	Earth
$\ominus$	Output $\oplus$

Ordering Information

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



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· Specifications are subject to change without notice.