

General Specifications

Differential Pressure Transmitter

DPT-100

GREEN SENSOR 그린센서



◆FEATURES

- Pressure Range :
0~1, 0~2, 0~4, 0~6, 0~10, 0~15,
0~20, 0~35, 0~50 KPa
- Accuracy :
±0.5% [non-linearity repeatability, hysteresis]
- Temperature coefficient [0.1% per 10°C]
may be optimized for a specific operating
temperature.
- Operating temperature Range : 0 °C to 85 °C

◆QUALITY MANUFACTURER

DPT-100 industrial pressure transmitter is a standard and most popular transmitter applied in air and liquid pressure measuring. A high sensitivity silicon pressure chip is employed in the sensor. The most important specification for industry application is long term stability. The DPT-100 pressure transmitter is designed for industry application with perfect long term stability.

◆ADVANTAGES

- Ceramic and silicon(SUS316L) sensing technology.
- Metal characteristics provide extremely low hysteresis and high repeatability.
- Ceramic and silicon sensor can directly withstand nearly all process media with temperatures up to 85 °C continuous

POWER	DC 12 ~ 28V
PRESSURE CONNECTION	1/8 HOSE
ACCURACY	±0.5% FSO (Thermal Effect ±0.05% FS/ °C)
WETTED PARTS	Ceramic & silicon
OVER PRESSURE	150% F.S
TEMPERATURE	0 ~ 85°C
HUMIDITY	0 ~ 80% R.H
OUTPUT SIGNAL	4 ~ 20mA, 1 ~ 5V, 0 ~ 5V, 0 ~ 10V, "HOW TO ORDER"
WEIGHT	120g (APPROX)

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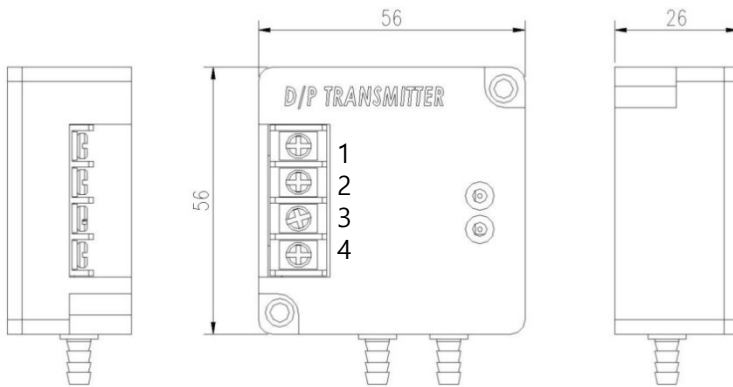
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◆ DIMENSION



2-Wire / mA

- 1 : POWER+
- 2 : POWER-

3-Wire / V

- 1 : POWER+
- 2 : POWER- (COMMON)
- 3 : OUTPUT

◆ HOW TO ORDER

DPT-100 - A - 100 - 1 - A - D

Output

- A : 4 ~ 20 mA B : 1 ~ 5 V
- C : 0 ~ 5 V D : 0 ~ 10 V
- E : OTHER

Pressure Range

- XXX : Pressure Range
- CXXX : Compound Pressure

Pressure Type

- D : DIFFERENTIAL
- G : GAUGE
- A : ABSOLUTE

Pressure Port

- A : HOSE 1/8
- B : OTHER

Pressure Unit

- 1 : kgf/cm² 2 : mmH₂O
- 3 : PSI 4 : mmHg
- 5 : bar 6 : kpa
- 7 : Mpa

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