

General Specifications

Pressure Transmitter

P-250



◆FEATURES

- ⊙ Pressure Range :
0~1, 0~2, 0~4, 0~6, 0~10, 0~15,
0~20, 0~35, 0~50, 0~100, 0~160,
0~250, 0~350, 0~400 kg/cm²
-760~0mmHg, -1~9, -1~15kg /cm²
[Gage and absolute]
- ⊙ Accuracy :
±0.25%[non-linearity repeatability, hysteresis]
- ⊙ Temperature coefficient [0.1% per 10°C]
may be optimized for a specific operating
temperature.
- ⊙ Zero and Span adjusted
- ⊙ Operating temperature Range : -20 ~ 100 °C
- ⊙ IP65 Protection

◆QUALITY MANUFACTURER

P-250 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 P-250 pressure transmitter is designed for industry application with perfect long term stability.

◆ADVANTAGES

- ⊙ Ceramic and silicon(SUS316L) sensing technology.
- ⊙ Ceramic characteristics provide extremely low hysteresis and high repeatability.
- ⊙ Ceramic and silicon sensor can directly withstand nearly all process media with temperatures up to 100 °C continuous

POWER	DC 12 ~ 28V
PRESSURE CONNECTION	PT 1/4, 3/8, 1/2, "HOW TO ORDER"
ACCURACY	±0.25% FSO (Thermal Effect ±0.05% FS/°C)
WETTED PARTS	Stainless Steel 316, VITON
OVER PRESSURE	200% F.S
TEMPERATURE	-20 ~ 100°C
HUMIDITY	0 ~ 80% R.H
OUTPUT SIGNAL	4 ~ 20mA, 1 ~ 5V, 0 ~ 5V, 0 ~ 10V, "HOW TO ORDER"
WEIGHT	190g (APPROX)

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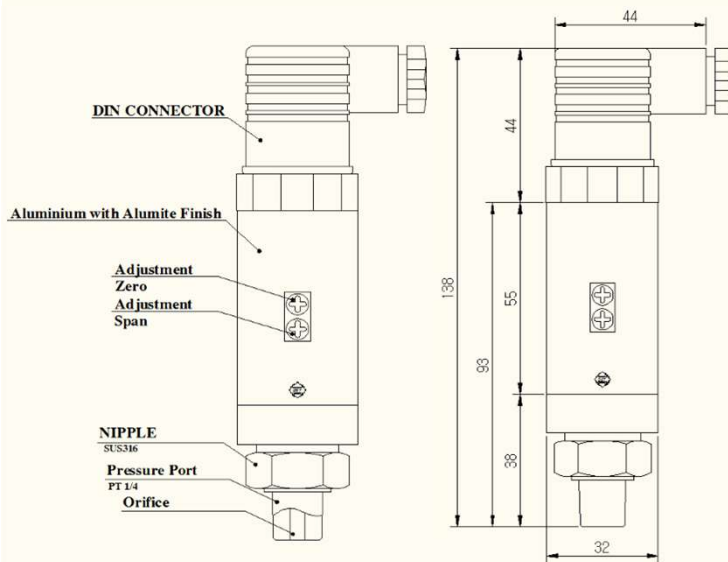
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General Specifications

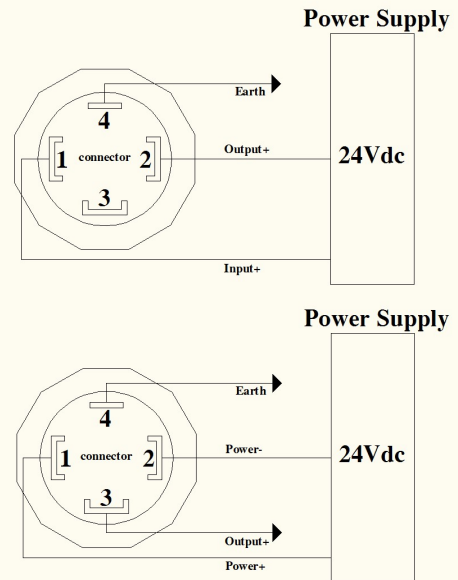
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◆ DIMENSION



◆ WIRING DIAGRAM SCHEMATIC



◆ HOW TO ORDER

P-250 - A - 100 - 1 - A - G

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

G : GAUGE
A : ABSOLUTE

Pressure Port

A : PT 1/4 B : PT 3/8
C : PT 1/2 D : OTHER

Pressure Unit

1 : kgf/cm² 2 : mmH₂O
3 : PSI 4 : mmHg
5 : bar 6 : kPa
7 : MPa

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