

General Specifications

Pressure Transmitter

MS – 10KW



◆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 bar
-760~0mmHg, -1~9, -1~15kg /cm²
[Gage and absolute]
- ⊙ Accuracy :
±0.15%[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 : 0 °C to 85 °C

◆QUALITY MANUFACTURER

MS-10 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 MS-10 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 85 °C continuous

POWER	DC 12 ~ 28V
PRESSURE CONNECTION	PT 1/8, 1/4, 1/2, "HOW TO ORDER"
ACCURACY	±0.15% FSO (Thermal Effect ±0.05% FS/°C)
WETTED PARTS	Stainless Steel 316,
OVER PRESSURE	200% 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	270g (APPROX)

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Web-site : www.greensensor85.com

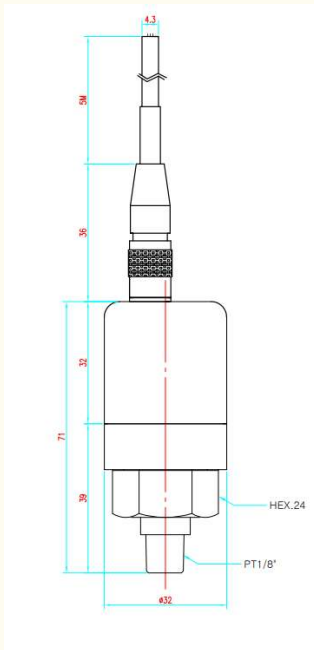
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◆ DIMENSION



◆ WIRING DIAGRAM SCHEMATIC

2 Wire

R E D : POWER +
BLACK : POWER-

3 Wire

R E D : POWER +
BLACK : COM
GREEN : OUT+

4 Wire

R E D : POWER +
BLACK : POWER-
GREEN : OUT+
WHITE : OUT-

◆ HOW TO ORDER

MS-10KW – 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 1/8 B : PT 1/4
C : PT 3/8 D : OTHER

Pressure Unit

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

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