

MODEL HOA

4~20mA Output Low Cost Pressure Transmitter

Hogller

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Description

The **HOA** model which is pressure transmitters feature high quality, high stability, small size, low weight, compact structure, low cost and mass production. Stainless steel body are ideal for industrial environment.

Features

- ▶ 4~20mA(2wire) Output
- ▶ Measuring range 0~100kPa ... 25MPa
- ▶ 1%FS accuracy
- ▶ Piezoresistive silicon cell
- ▶ Stainless steel media-wetted materials

Applications

- ▶ Process control
- ▶ Hydraulics & pneumatic system
- ▶ Gas monitoring
- ▶ Compressor
- ▶ Refrigerator



Specifications

Range

0 ~ 100kPa ... 25MPa (Gauge, Absolute)

Performance

Accuracy	±1%FS(RSS)
Thermal Effect on Zero	±0.05%FS/°C
Thermal Effect on Span	±0.05%FS/°C
Compensated Temperature Range	-20 ~ 85°C
Operating Temperature Range	-20 ~ 100°C

Electrical

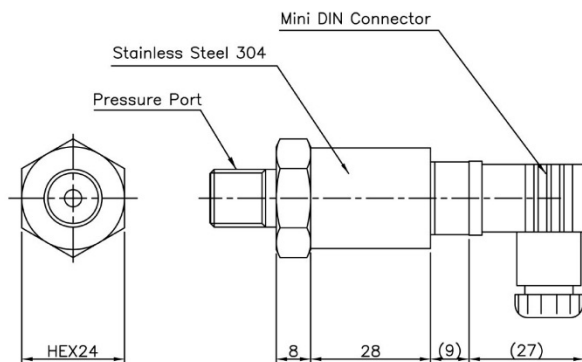
Excitation	11 ~ 28VDC
Output	4~20mA(2Wire)
Electrical Connection	Mini DIN Connector, Cable

Physical

Proof Pressure	150%FS Max.
Burst Pressure	200%FS Min. (25MPa : 150%FS Min.)
Vibration	49.1m/s ² {5G}, 10~500Hz
Shock	490m/s ² {50G}
Pressure port	R(PT)1/4" (Other Connection Available on Request)
Media-Wetted Materials	Stainless Steel 304, 316L
Weight	Approx. 100g (Mini DIN Connector Type)

Dimension

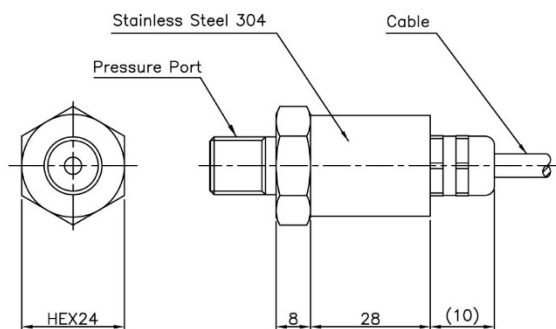
► Mini DIN connector Type



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Pin No.	Connections
1	Input ⊕
2	Output ⊕
3	×
⊥	×

► Cable Type



Wire Color	Connections
Red	Input ⊕
Green	Output ⊕

Ordering Information

Model Name	HOA	H	0004	F	L	C	K	Type of Pressure Measurement
Output								K: Gauge
H: 2 Wire 4 ~ 20 MA								Connecting Methods
HC: 2 Wire 4 ~ 20 MA Compound								C: Normal Connector
J: 3 Wire 0 ~ 10 V								Pressure port
JC: 3 Wire 0 ~ 10 V Compound								L: PT 1/4"
Pressure Range								W: R (PT) 3/4"(Flush Diaphragm)
XXXX : Pressure								Pressure Unit
0~100MBAR / 0~250MBAR / -1~4 BAR /								F: BAR P: PSI
-1~1 BAR / 0~2.5 BAR / 0~4 BAR / 0~6 BAR /								R: KPA M: MBAR
0~10 BAR / 0~16 BAR / 0~25 BAR /								
0~100 BAR / 0~160 BAR / 0~250 BAR / 0~400								