

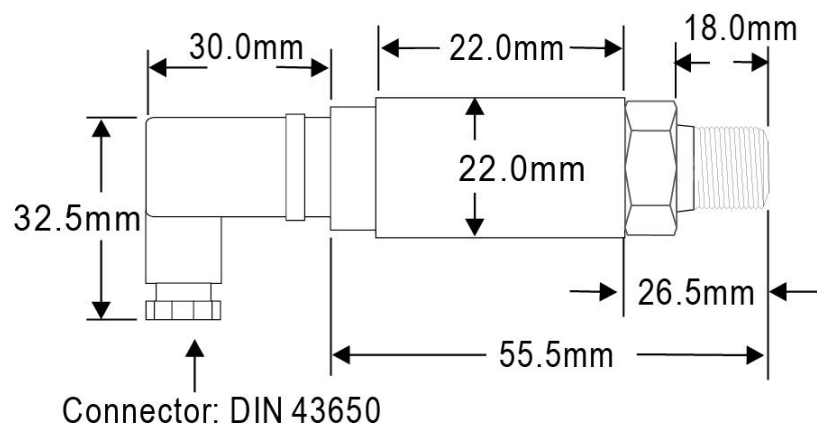
**ECONOMIC TYPE VACUUM / PRESSURE SENSOR****Features**

1. Accuracy:  $\pm 0.5\%$  F.S.
2. Measuring range: 10, 100, 250 bar....
3. Measuring absolute or gauge pressure
4. Standard and custom options available for OEM design
5. Robust package, all laser-welded stainless steel design
6. Proof pressure range: 3 x Full Scale
7. Compact size and excellent price
8. Power supply: DC 8~30V; Output: 4~20 mADC

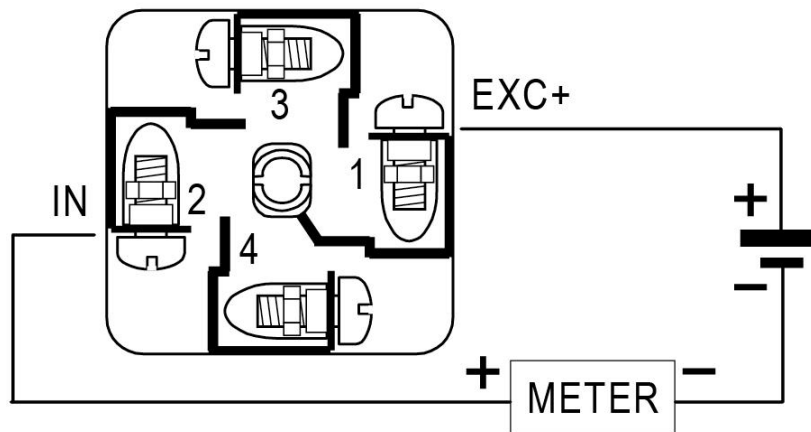
# Standard Specification

Accuracy	+/- 0.5% F.S.
Thermal Error	<0.5% F.S.
Total Error	<0.5% F.S.
Stability	<0.25% F.S. / Year
Zero Pressure Offset	4 mADC
Full Scale Output	20 mADC
Proof Pressure	3 x F.S.
Burst Pressure	Absolute Pressure: 10 x F.S. or 15000 psi Gauge Pressure: 5 x F.S.
Pressure Cycles	8Hz
Response Time	<1 msec
Vibration	10~2050Hz, 20 sinusoidal, 3 axes
Thermal Shock	-40~105 C, 0.5hr soaks at Temp.
Temperature Coefficient	100ppm / C (0~60 C)
Operating Temperature	-40~105 C
Operating Humidity	<95% RH (non-condensing)
Storage Temperature	-40~105 C
Storage Humidity	<95% RH (non-condensing)
Power Supply	DC 18~30V (2 wire loop)
EMC Compatibility	80 MHz ~ 1 GHz
Wetted material	304L & 316L stainless steel
Pressure Connection	1/4" PT
Electrical Connection	DIN 43650

# External Dimension



## Diagram



## Order information

MDC51- 100 - N - A

A
B
C

(A) Input Range		(B) Connection	(C) Analog Output
N01 : -1~0 bar	016 : 0~16 bar	N : 1/4"PT	A : 4~20mA
001 : 0~1 bar	025 : 0~25 bar	O : Option	O : Option
006 : 0~6 bar	100 : 0~100 bar		
010 : 0~10 bar	250 : 0~250 bar		

# Contact

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