

ECONOMIC TYPE VACUUM / PRESSURE SENSOR

FEATURES

- Accuracy : $\pm 0.5\%$ F.S. ; $\pm 1\%$ F.S. (-1 ~ 0 bar , 0 ~ 1 bar)
- Measuring range: 10, 100, 250 bar...
- Measuring absolute or gauge pressure
- Standard and custom options available for OEM design
- Robust package, all laser-welded stainless steel design
- Proof pressure range: 3 x Full Scale
- Compact size and excellent price
- Power supply: DC 8~30V; Output: 4~20 mAdc



MDC51



Order information

MDC51 - Code 1 - Code 2 - Code 3

Code 1	Input Range
N01	-1~0 bar
001	0~1 bar
006	0~6 bar
010	0~10 bar
016	0~16 bar
025	0~25 bar
100	0~100 bar
250	0~250 bar

Code 2	Connection
S	1/4" PT
O	Option

Code 3	Analog Output
A	4~20 mA
O	Option

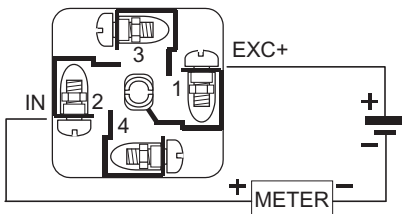


Specifications

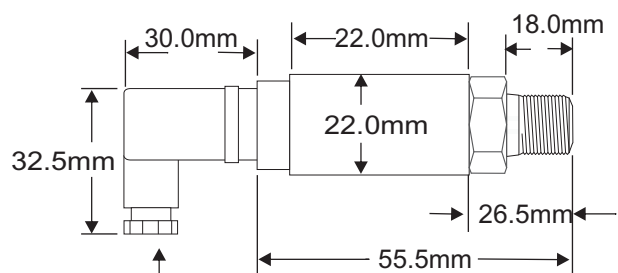
Accuracy	$\pm 0.5\%$ F.S.; $\pm 1\%$ F.S. (-1~0/0~1 bar)	Thermal Shock	-40~105°C, 0.5hr soaks at Temp.
Thermal Error	<0.5% F.S.	Temperature Coefficient	100ppm / C (0~60°C)
Total Error	<0.5% F.S.	Operating Temperature	-20~80°C
Stability	<0.25% F.S. / Year	Operating Humidity	<95% RH (non-condensing)
Zero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



Wiring Connection



Dimension



Connector: Mini DIN 43650

Contact

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