

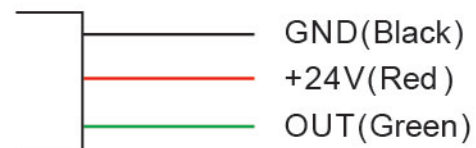
- Accuracy : $\pm 0.5\%$ F.S. ; $\pm 1\%$ F.S.(-1 ~ 0 bar , 0 ~ 1 bar)
- Measuring range: 10, 100, 250 bar...
- Measuring absolute or gauge pressure
- Standard and custom options available for OEM design
- Robust package, all laser-welded stainless steel design
- Proof pressure range: 3 x Full Scale
- Compact size and excellent price
- Power supply: DC 8~30V; Output: 4~20 mAdc
- Protection:IP65, IP67(optional)



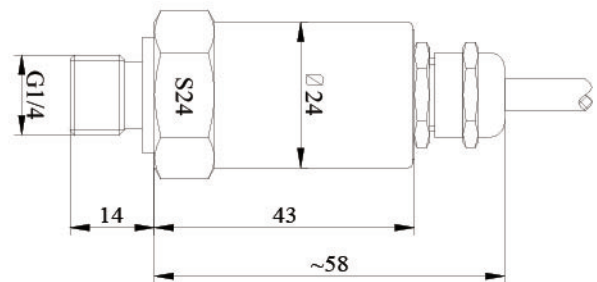
SPECIFICATION

- ◆ Accuracy: $\pm 0.5\%$ F.S.; $\pm 1\%$ F.S. (-1~0/0~1 bar)
- ◆ 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.
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: -20~80 °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 materials: 316L stainless steel
- ◆ Pressure Connection: 1/4" PT
- ◆ Protection: IP65, IP67(optional)

WIRING CONNECTION



DIMENSION (mm)



ORDER INFORMATION

DC53 - Code1 - Code2 - Code3 - Code4 - Code5

Code1	Input Range	Code2	Connection	Code3	Analog Output	Code4	Wire Length	Code5	Protection
N01	-1~0 bar	S	1/4" PT	A	4~20 mA	01	1M	N	IP65
001	0~1 bar	O	Option	O	Option	O	Option	7	IP67
006	0~6 bar								
010	0~10 bar								
016	0~16 bar								
025	0~25 bar								
100	0~100 bar								
250	0~250 bar								
O	Option								