

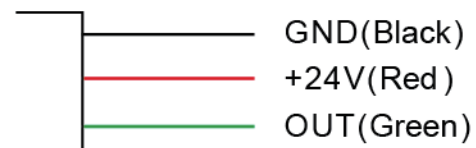
- Accuracy : $\pm 0.5\% \text{ F.S.}$; $\pm 1\% \text{ F.S.}$ (-1~0 bar, 0~1 bar).
- Measuring range: 10, 100, 250 bar...
- Measuring absolute or gauge pressure.
- Standard and custom options available for OEM design.
- Robust package, all laser-welded stainless steel design.
- Proof pressure range: 1.5 x Full Scale.
- Compact size and excellent price.
- Power supply: DC 10~30V; Output: 4~20 mAdc.
- Protection: IP65, IP67(optional).



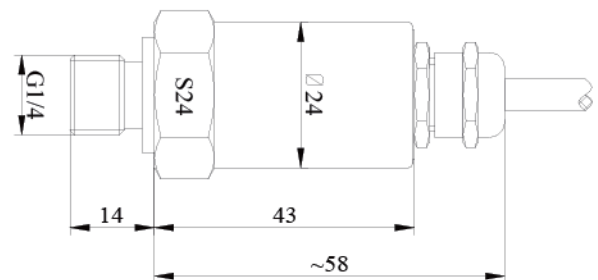
SPECIFICATION

- ◆ Accuracy: $\pm 0.5\% \text{ F.S.}$; $\pm 1\% \text{ F.S.}$ (-1~0/0~1 bar)
- ◆ Thermal Error: $< 0.5\% \text{ F.S.}$
- ◆ Total Error: $< 0.5\% \text{ F.S.}$
- ◆ Stability: 0.5%
- ◆ Zero Pressure Offset: 4 mAdc
- ◆ Full Scale Output: 20 mAdc
- ◆ Proof Pressure: 1.5 x F.S.
- ◆ Burst Pressure: Absolute Pressure: 10 x F.S.
Gauge Pressure: 5 x F.S.
- ◆ Pressure Cycles: 8Hz
- ◆ Response Time: $< 1 \text{ msec}$
- ◆ Vibration: 10~2050Hz, 20 sinusoidal, 3 axes
- ◆ Thermal Shock: 0~50°C, 0.5hr soaks at Temp.
- ◆ General medium temp.: 0~50°C
- ◆ Operating Temperature: -20~80°C
- ◆ Operating Humidity: $< 95\% \text{ RH}$ (non-condensing)
- ◆ Storage Temperature: -20~80°C
- ◆ Storage Humidity: $< 95\% \text{ RH}$ (non-condensing)
- ◆ Power Supply: DC 18~30V (2 wire loop)
- ◆ EMC Compatibility: 80 MHz ~ 1 GHz
- ◆ Wetted materials: 304 & 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								