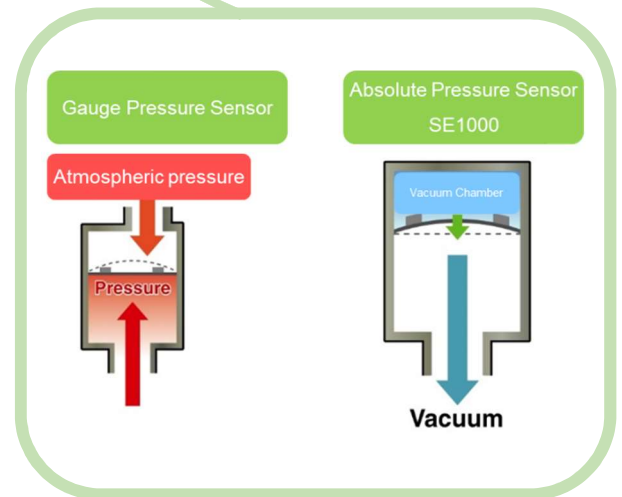


SE1000series

General Purpose Vacuum Gauge

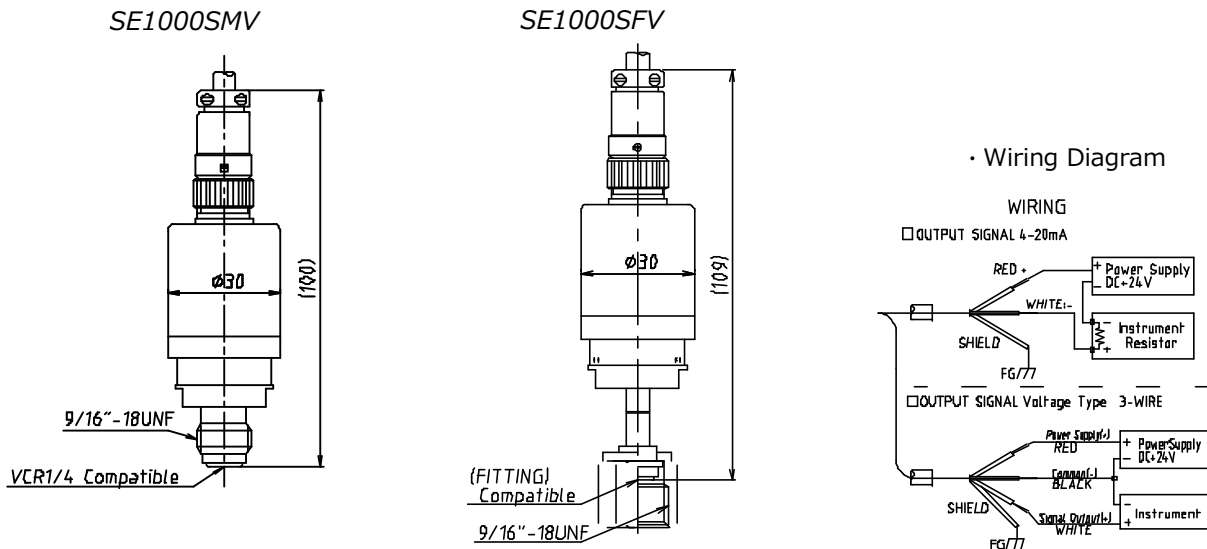


Best solution for monitoring a range of atmospheric to vacuum pressure at process systems including Load Lock chambers or gas delivery lines.

- Compact Design
- Display Model Available
- Standard SS316L diaphragm
- VCR, UJR or Surface mount fitting selectable.
- Reliable semiconductor technology and high performance

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Reference Drawing



Specifications

Applications	Absolute pressure measurement for Semi Gas	
Pressure Range	0-1000Torr (0-200kPa)	
Proof Pressure	2 × F.S	
Accuracy	±0.5%FS (Linearity, Repeatability, Hysteresis)	
Output Signal	4-20mA (2 wires)	1-5V, 0-5V, 0-10V (3 wires)
Power Supply	DC24V ±10%	DC15-24V
Operating Temperature	0-80°C (no-condensation)	
Compensated Temperature (*)	0-50°C (no-condensation)	
Thermal Effect	±0.05%FS/°C (0-50°C)	
Materials exposed to gases	Diaphragm: SUS316L Sensor Body: SUS316L	
Seal Method	Ultra-Precision Electron Beam Welding	
Leak Integrity	<5 × 10 ⁻¹² Pam ³ /sec	
Fitting	VCR, UJR, Others (Surface mount type)	
Surface Finish	Ra: <0.25 μm	
Fitting Size	1/4", 3/8", 1/2"	
Connector	Pigtail, Tajimi, Others	
Cable	3m standard cable	

Ordering information

Model	Type	Fitting Shape	Fitting Type
SE1000	S Single Ended	M Fixed Male	V VCR Compatible
	T Flow Through	N Swivel Male	U UJR
		F Swivel Female	

Output	Connector	Fitting Size
420 4-20mA	P Pigtail	C1 1/4"
105 1-5V	T Tajimi Connector	C2 3/8"
010 0-10V		C3 1/2"
005 0-5V		

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* Specifications are subject to change without notice.

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