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Tem-Tech Lab

**General Purpose
Vacuum Gauge**

SE1000 Series



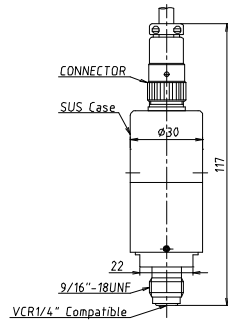
Application

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

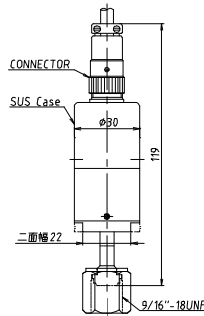
Features & Benefits

- **Low cost general purpose vacuum gauge**
- **Standard SS316L diaphragm**
- **Reliable semiconductor technology and high performance**
- **CE and RoHS compliant**

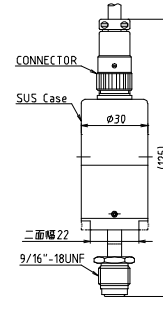
SE1000 SERIES



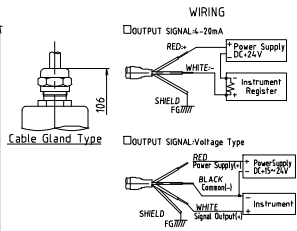
SE1000-SMV-□□□T1
*Example



SE1000-SFV-□□□T1



SE1000-SNV-□□□T1



Specifications

Application	Absolute pressure, for active gases (for use in house)	
Full Scale Range	0 to 50kPaA, 0 to 100kPaA, 0 to 200kPaA (To be specified for the other ranges)	
Burst Pressure	2 x F.S	
Accuracy (L.H.R.*1)	±0.3%F.S	
Output	4-20mA	1-5V, 0-5V, 0-10V
Power Supply	DC24V	DC15-24V
Operating Temp.	0 to 80 degree C	
Compensated Temp.	0 to 60 degree C	
Thermal Effect	< ±0.05%FS/degree C within compensated temp.	
Materials Exposed To Gases	SS316L (VIM+VAR) Standard	
Seal Method	Ultra Precision Electron Beam Welding	
Leak Integrity	<1 X 10 ⁻⁹ Pam ³ /sec	
Surface Finish	EP treated Ra: < 0.25um	
Fitting	VCR, UJR, Others	
Electrical Connector	Pig tail, Tajimi, Others	
Fitting Size	1/4", 3/8", 1/2", To be specified for the others	

note: *1 Linearity, Hysteresis & Repeatability

Ordering Information (*Example: SE1000-SMV-420T1)

Model	Type	Fitting	Fitting Type	Output	Connector	Fitting Size
SE1000	S Single Ended	M Fixed Male	V VCR compatible	420 4-20mA	T Tajimi	1 1/4"
		T Flow Through	U UJR	005 0-5V	P Pigtail	2 3/8"
	N Swivel Male	P Micro Fitting	105 1-5V	Z Others	3 1/2"	
		W Fixed Male-Female	T Weld Stub	010 0-10V		4 Others
	X Swivel Male-Female	Z Others				

Specifications are subject to change without notice.

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