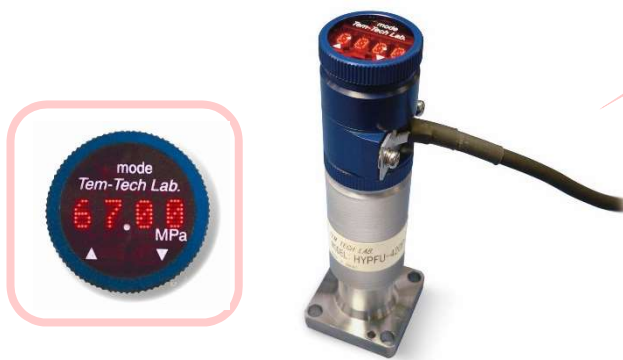
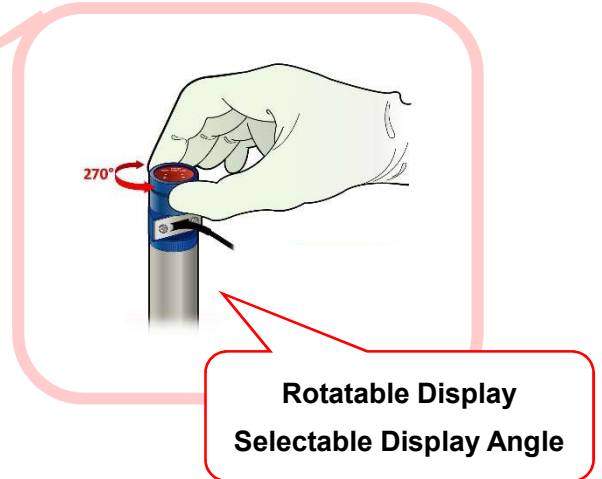


HYPF-6700 HYPF-6801 series

*IGS Pressure Sensor
with rotatable display*



HYPFZW/I-6700



Innovative solution for monitoring
Gas supply line for semiconductor
fabricating plants



HYPFZW/I-6801

Rotatable Display Unit for flexible use at selected angles

- Easy-to-see Dot matrix Display
- 1.125" for C-Seal, W-Seal and any other types is available
- Auto Zero Adjustment Function
- Built-in Comparator (Open Collector)
- Designed to minimize pressure drop; ensure quick resilience
- 1.125" for C-Seal, W-Seal and any other types is available

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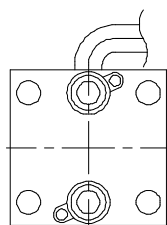
Specifications

Product appearance		HYPFZW/I-6700	HYPFZW/I-6801
			
Application		Semiconductor Process Gases	
Pressure range		0.5、1.0MPa or 100、150psig (Gauge, Compound Pressure)	
Proof pressure		2 X F.S.	
Accuracy		<±0.75%FS±1digit, Resolution of signal output less than 10bits depending on its range (Linearity, Hysteresis, and Repeatability)	
Display		Top View, 4digit LED dot matrix (max9999)	
Electric Conditions	I	Power Supply	DC24V ±10%
	II	Output	Alarm Output: Open Collector, 2 Alarm actuating contacts Setting Hysteresis ±0-99 digit to set point NPN, PNP
	III	Output Signal	4-20mA or 0-10V, Others
	IV	Power consumption	Max 50mA CNT1&2 is not included (Less than 20mA at operating)
Operating Temperature		0-80°C (Compensated Temperature 0-60°C)	
Thermal Effect		±0.05%FS/°C±1digit (0-60°C)	
Materials exposed to gases		Diaphragm: SUS316L(VIM + VAR) Sensor Body: SUS316L	
Seal Method		Ultra-Precision Electron Beam Welding	
Leak Integrity		<5 × 10 ⁻¹² Pam ³ /sec	
Surface Finish		Ra: <0.25 μm	
Fitting Shape		C seal, W seal, Others	
Fitting Size		1.5", 1.125"	
Cable		3m length, Detachable connector selectable	

Ordering Information

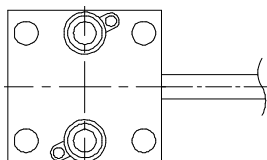
Model	Fitting	Fitting Size	Display Model	Direction of Display	Output Signal	Output	Connector
HYPFZ	I	C seal	6700	TS	420	4-20mA	P Pigtail
		W seal			105	1-5V	M 9 pins Connector (Only for 6700)
	W	S1	6801	TP	010	0-10V	6 6 pins Connector (Only for 6801)
		S2			000	none	

Direction of Display



■ TS

Parallel to Cable Direction



■ TP

Vertical to Cable Direction

* Specifications are subject to change without notice.

AGENT

TEM-TECH LAB



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