azbil

Tem-Tech Lab

Pressure Sensor
All around player for monitoring any and all types of gases

HYPF/ 6801 series

- IGS Pressure Sensor

Application

Innovative solution for monitoring Gas supply line for semiconductor fabricating plants

Features & Benefits

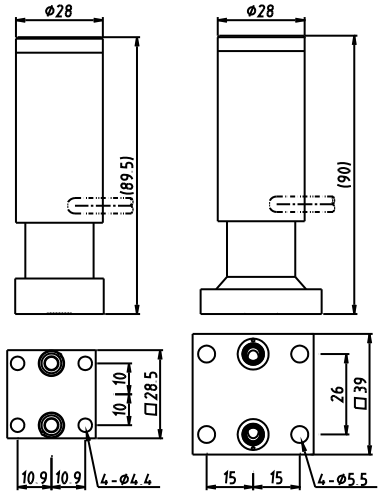
- *1.125” for C-Seal, W-Seal and any other types is available*
- *Display unit rotatable 90 ° for flexible use at selected angles*
- *Designed to minimize pressure drop; ensure quick resilience*
- *Easy-to-see Dot matrix Display*
- *Built-in Signal output*
- *Built-in Comparator (Open Collector)*
- *Built-in Auto Zeroing function*
- *CE Mark / RoHS compliant*

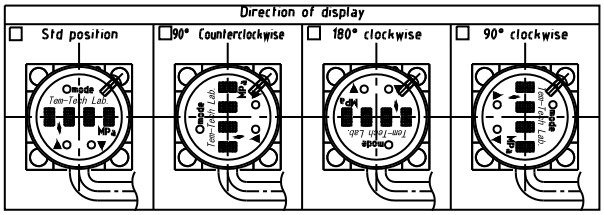
IGS Pressure Sensor with rotatable display

2012.08

■Outline

S2(1.125”) **S1(1.5”)**





■Specifications

Application	Semiconductor Process Gases	
Full Scale Range	0(-14.7) to 150psi (Gauge, Compound pressure)	
Proof Pressure	2 x F.S	
Accuracy (L.H.R.*1)	±0.75%F.S	
Analog Output	4-20mA(420)	0-10V(010)
Pow er Supply	DC24V	DC15 to 24V
Operating Temp.	0 to 80 degree C	
Compensated Temp.	0 to 60 degree C	
Thermal Effects	±0.05% F.S/degree C±1digit	
Materials Exposed To Gases	316LSS (VIM+VAR)	
Process Connector	1.125 inch C-Seal(I), W-Seal(U). Applicable 1.5 inch C-Seal, W-Seal, and Other seal available	
Digital Display : NPS6801	Alarm Output:Open Collector,2 Alarm actuating contacts Setting Hysteresis ±0-99 digit to set point	

Note: *1 Linearity, Hysteresis & Repeatability

■Ordering Information

HYPFZ - 6801

Process Connection		Size		Display Direction		Output Signal		Output		Connector	
I	C seal	S1	1.5"	TS	Topview ,Horizontal to flow path	420	4-20mA	NT	NPN	6	Molex 6pin
W	W seal	S2	1.125"	TP	Topview ,Vertical to flow path	005	0-5V	PT	PNP		
						010	0-10V				
						000	non				

Specifications are subject to change without notice.

Tem-Tech Lab

Head Office
2-7-13 Tsukishima, Chuo-ku
Tokyo 104-0052 Japan
TEL:81-3-3534-5320 FAX:81-3-3534-5322
Osaka Branch
#205 9-23 Minamikawahori-chou, Tennoji,
Osaka, Osaka 543-0054 Japan
TEL:81-6-6776-9270 FAX:81-6-6776-9271

URL: http://www.tem-tech.co.jp/
Contact : hello@tem-tech.co.jp

AGENT:

2nd Edition:Issued in Japan in 2012 V.2.1