

**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**

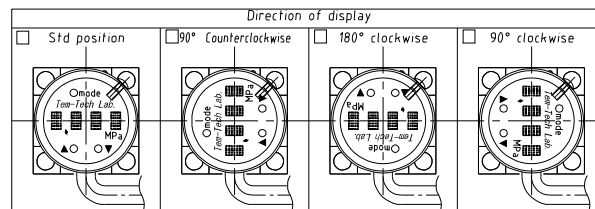
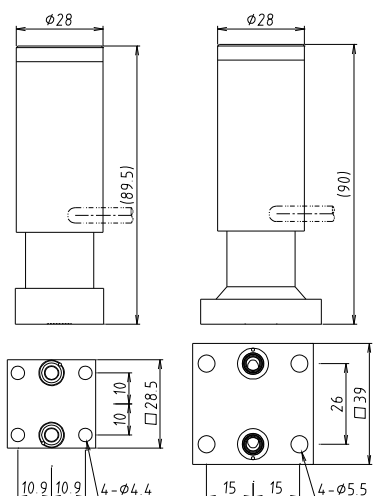
# IGS Pressure Sensor with rotatable display

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)
Power 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	Process Connection	Size	- 6801	Display Direction	Output Signal	Output	Connector
I	C seal	S1 1.5"	- 6801	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.

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