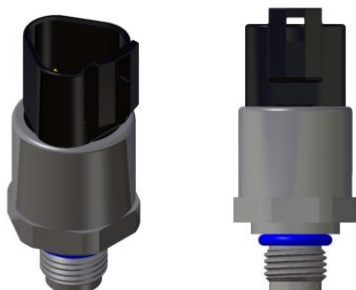


## SY-IPS Series

## Industrial Pressure sensor



### FEATURES

- Analog Voltage Output
- Gauge Pressure
- Reliable in Harsh media
- Waterproof IP69

### APPLICATIONS

#### Industrial

- Heavy Equipment
- Hydraulic system
- Hydrogen Tank

#### Automotive

- Heavy Equipment
- Hydraulic system
- FCEV(Hydrogen Tank)

### PRODUCT SUMMARY

The **SY-IPS** is a fully compensated pressure measurement module at 3 point temperature based on Thick-Film Resistive technology proven in the market. It is a sensing solution in high pressure environment of 0~350 bar and comply with the standard IEC61010 Withstanding Voltage Test.

The **SY-IPS** is designed to be applied to heavy equipment, high pressure hydraulic systems, hydrogen tank and It guarantee reliable operation in harsh media such as hydraulic fluid and hydrogen gas.

### PRODUCT SPECIFICATION

#### Pressure

Detection range	50/100/200/500 bar
Accuracy	± 0.75 %FS (@25 °C)
Proof Pressure	Detection Range X 3 times
Burst Pressure	Detection Range X 5 times

#### Electrical specification

Supply voltage	8 ~ 30V DC
Current consumption	Max 10.0 mA
Voltage Output	1.0 ~ 5.0V DC

#### Environmental conditions

Operation Temperature	- 40 °C ~ 125 °C
Storage Temperature	- 40 °C ~ 125 °C
Size (mm)	ø26×H69 Thread: G1/4 (BSPP)

