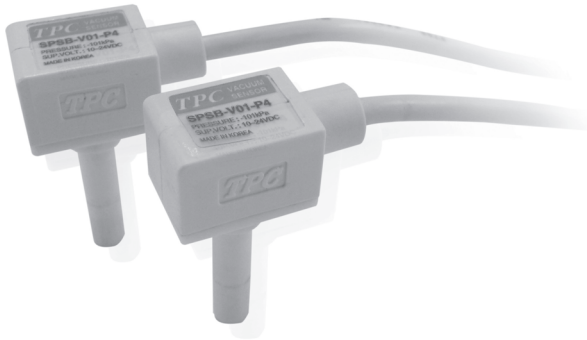


# Series SPSB

## Micro Vacuum Sensor



- MICRO VACUUM SENSOR
- ANALOG OUTPUT (1~5VDC)
- CE CERTIFICATED

### How to Order

SPS B — V01 — P4

1                      2                      3

① Sensor Head Size

B : Small head

② Pressure Range

1 negative pressure : (-101 ~ 0 kPa)

③ Pipe Contact Diameter

M5 : Analogue output type (M5 Universal)

P4 : Analogue output type (Ø4 Plug)

P6 : Analogue output type (Ø6 Plug)

### Product Specification

Index	SPSB
Fluid	Non-Corrosive Gas
Pressure Range	-101~0 kPa
Pressure-Resistance	0.5 MPa
Operation Level	F.S.±2%
Temperature Feature	25℃±2% Within 0~+50℃ Range F.S.
Analogue Output	1~5VDC
Voltage	Less than 10% of DC12~24V, RIPPLE(V <sub>p-p</sub> )
Current Consumption	Less than 10mA
Protection Circuit	Reverse Connecting Protection Circuit
Temperature Applied	0~50 ℃
Operation Humidity	35~85%RH, Non Condensation
Noise-Resistance	V <sub>p-p</sub> 400V,10ms, 0.5μs
Vibration-Resistance	10~55Hz, Double Amplitude 1.5mm, 2 hours in X, Y & Z directions
Impact- Resistance	1000m/s <sup>2</sup> XYZ 3 times for each direction
Withstand Voltage	Between Recharging Part and Case With AC1000V for 1 min.
Protection Unit	IP40
Material	PA, Aluminum, Yellow brass
Connecting Cable	Ø2.5, 3-core AWG26 Cable
Weight	Around 3.9g (Cable Not Included)
Linearity	±0.4% F.S max
Connecting Hole Specification	M5 Universal/Ø4 and Ø6 Plug Type
Dimension	CE Certificate

# Series SPSB

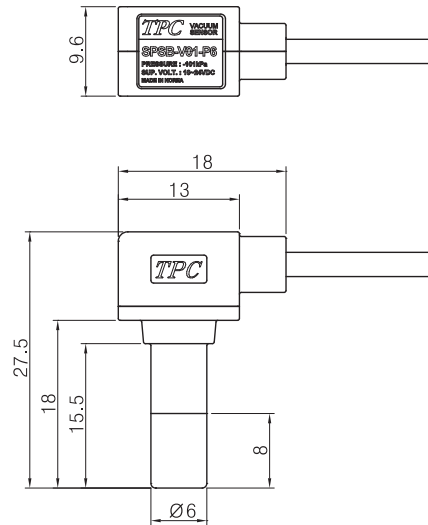
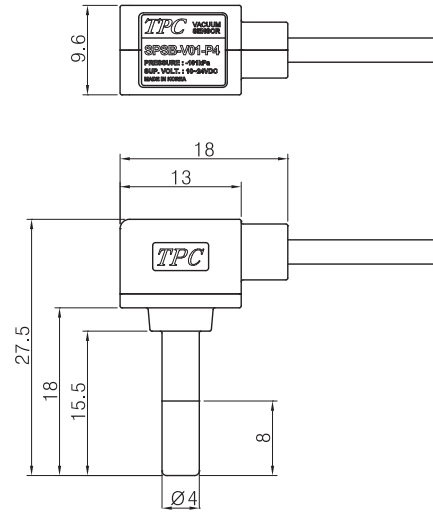
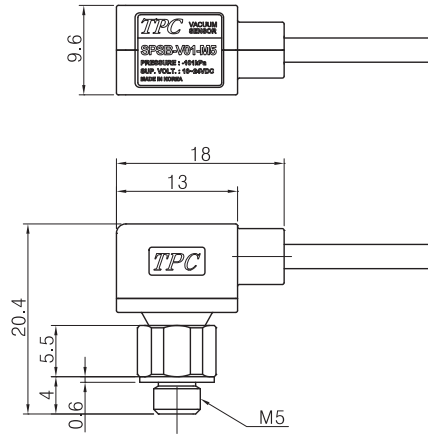
## External Dimension Drawing

SPSA

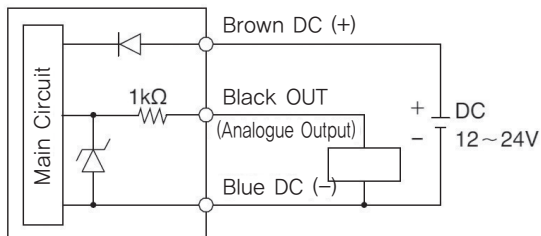
**SPSB**

Auto  
Switch

SPS



## Internal Circuit



※ Analogue output (1~5DC) type.  
Around 1kΩ for output impedance