

# ABSOLUTE PRESSURE SENSOR



## Barometers

SS-PS is designed for accurate measurement of barometric pressure. It is a highly accurate pressure sensor with an accuracy of  $\pm 0.15$  hPa and having a resolution of 0.01 hPa. To connect with the data loggers SS-PS supports all kinds of analog and digital communication interfaces including RS232 and USB. SS-PS is widely used in meteorology, agriculture, civil aviation etc.



## Features

- Low power dissipation
- High accuracy
- Analog and Digital outputs
- IP66

## Technical Specifications

SS-PS	
Measurement Range	500 to 1100 hPa
Accuracy	$\pm 0.15$ hPa
Resolution	0.01 hPa
Output	RS232/485
Stability	<0.2 hPa/year
Response Time	1 Sec
IP Class	IP66
Dimensions	130x62x32 mm
Weight	300g
Power	85mA @12V DC
Operating voltage	7 to 24 VDC
Operating temperature	-40 to +60 °C
Operating humidity	5% to 95% RH
Cable	5m Standard