



Overview

The SP6 pressure sensor is based on a barometric capsule consisting of a compensated piezoresistive transducer produces an electrical signal proportional to the applied pressure, which is converted by electronic circuit to signals digital series and frequency pulses.

The whole set is housed in a weatherproof box. The generated signal, as well as the power supply for the sensor is transmits through a polarized plug weather.

Features

- Range 500-1200 hPa.
- Resolution ± 0.1 hPa.
- Accuracy ± 0.1 hPa (at 25°C).
- IP65 weatherproof box.
- Outputs: Serial RS232.
 Pulses in frequency.

SP6

Technical Data SP6

General

Measurement principle	Compensated piezoresistive transducer
Measurement Range	500-1200 hPa

Operation (-40 to +85°C)

Precision	±0.1 hPa (at 25°C)
Precision	±0.4 hPa (-40 to +85°C)
Resolution	±0.1 hPa
Deviation	0.25 hPa máx. per year

Outputs

Pulses in frequency	1500 Hz-6500 Hz (1100-600hPa)
Serial	RS232

Power Supply Features

Power supply	6,5V to 15V
Power Consumption	92mA @ 12V

Mechanics

Height	120mm
Width	120mm
Depth	80mm