

# 8128 AIR PRESSURE SENSOR



## Efficient and cost-effective

The sensor offers an excellent price-performance ratio and impresses with its high level of performance. It has been specifically designed for use in automatic weather stations and responds accurately to changes in air pressure, even at altitudes of up to 3200 meters. Thanks to its robust housing, it is ideally suited for outdoor use and can withstand various weather conditions.

- Cost-effective
- Power saving
- Analog output signal
- Factory test certificate included
- High quality microprocessor technology

## APPLICATIONS

- Cruise ships
- Weather stations
- Helipads
- Professional meteorology, e.g. at airports
- Industrial applications
- Development

Professional Line	8128
Id-No.	00.08128.085072: 600...1100 hPa 00.08128.095072: 800...1100 hPa
Accuracy	± 0.3 hPa within the range 800...1100 hPa; 20 °C ± 0.5 hPa within the range 600...1100 hPa; 20 °C
Resolution	0.01 hPa
Long-term stability	0.1 hPa/ year
Output	0...5 VDC
Range of application	Altitude 0...3200 m; temperature -40...+60 °C
Supply voltage	9.5...28 VDC
Power consumption	3 mA
Measuring elements	Pressure sensitive silicon diaphragm; capacitive
Dimensions	196 x 160 x 97 mm
Housing	Die-cast aluminum; RAL 9010 (clean-white); IP 43
Weight	Sensor module 0.135 kg; 1.6 kg with protective housing

As of: 14.03.2025