PRODUCT OVERVIEW

8128 Air pressure sensor

POSSIBLE APPLICATIONS

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

Efficient and cost-effective

The sensor offers excellent value for money and impresses with its high performance. It was specially developed for use in automatic weather stations and responds precisely to changes in air pressure, even at altitudes of up to 3200 m. Thanks to its robust housing, it is ideal for outdoor use and can withstand the challenges of varying weather conditions.

- Cost-effective
- Energy-saving
- Analog output signal
- Including factory test certificate
- High-quality microprocessor technology

PRODUCT OVERVIEW

8128 Air pressure sensor

Professional Line	8128
Ident-No.	00.08128.085072: 600...1100 hPa 00.08128.095072: 800...1100 hPa
Accuracy	± 0.3 hPa in the range 800...1100 hPa; 20 °C ± 0.5 hPa in the range 600...1100 hPa; 20 °C
Resolution	0.01 hPa
Long-term stability	0.1 hPa/year
Output	0...5 VDC
Areas 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 membrane; capacitive
Dimensions	196 x 160 x 97 mm
Housing	Die-cast aluminum; RAL 9010 (pure white); IP43
Weight	Sensor module 0.135 kg; 1.6 kg in protective housing

As of October 14, 2026