

8128 AIR PRESSURE SENSOR



Efficient and cost-effective

The favorable ratio between performance and costs is remarkable. As part of automatic weather stations, in altitudes of up to 3200 m, the sensor precisely reacts to any change in air pressure. The robust housing facilitates trouble-free outdoor application.

- 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 • temperatures -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	aluminium protection guard • RAL 9010 (clean-white) • IP 43
Weight	sensor module 0.135 kg • 1.6 kg with protective housing

As of: 23.02.2023