

8128 AIR PRESSURE SENSOR



Emphasis ...

is on the advantageous cost-performance ratio. 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.

- inexpensive
- energy saving
- analogous output signal
- with factory test certificate
- microprocessor technology

APPLICATIONS

- cruise ships
- heliports
- professional meteorology e. g. at airports
- industrial applications
- development
- weather stations

Professional Line	8128 Air pressure sensor
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: 09.10.2020