



AIR PRESSURE SENSOR

The analogue ...

pressure sensors of the 8128 family are very accurate and versatile instruments. They suit ideally for applications in non air-conditioned measuring stations or data loggers. The sensors have a very low current consumption and are suitable for pressure measurements in clean and dry air or other non-condensing gases.

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

cruise ships • professional meteorology • industrial applications • development • weather stations



Professional Line	(8128 M500) Air Pressure Sensor	Id-No. 00.08128.080 072
Measuring element:	pressure-sensitive silicon diaphragm • capacitive	
Measuring range:	500...1100 hPa	
Accuracy:	± 0.6 hPa	
Long-term stability:	0.1 hPa/ year	
Resolution:	0.01 hPa	
Range of application:	altitude 0...3200 m • temperatures -40...+60 °C	
Supply voltage:	9.5...28 V _{DC}	
Output voltage:	0...5 V _{DC}	
Current consumption:	3 mA	
Housing:	aluminium protection guard • RAL 9010 (clean-white) • IP 43	
Dimensions/ Weight:	196 x 160 x 97 mm • sensor module 0.135 kg • 1.6 kg with guard	
<u>Version:</u>		
63.06010.090 200	Air pressure sensor module 500...1100 hPa • without housing	