



# AIR PRESSURE SENSOR

## Absolute pressure...

is measured inside the cost effective, practical and robust standard housing. The technical design makes the measuring range changeover on site as well as the choice of the output signal possible.

The universally applicable sensor is the proper solution for price conscious customers.

It distinguishes itself by its low maintenance and easy operation.

- cost effective
- OEM version with 3 modes of operation
- applicable with/ on data loggers in energy-saving mode (e. g. solar operation)
- 1 instrument with 2 ranges of pressure measurement and 3 standard outputs - adjustable with plug-in jumpers



building services • industrial applications • weather stations

Standard Line	(8121)	Air Pressure Sensor	Id-No. 00.08121.100 002
Measuring element:		piezoresistive pressure measuring cell	
Measuring range:		600...1100 hPa • switchable to 800...1100 hPa	
Accuracy:		± 1 hPa within the range of -10...+60 °C • < ± 2 hPa within the range of -20...-10 °C	
Resolution:		0.1 hPa	
Range of application:		altitude 0...4000 m • temperatures -20...+70 °C • humidity 0...99 % r. h.	
Supply voltage:		12...30 V <sub>DC</sub> (current output) • 5...30 V <sub>DC</sub> (voltage output)	
Outputs:		0...20 mA • 4...20 mA • 0...2 V - selectable/ adjustable	
Current consumption:		< 30 mA at 0(4)...20 mA output • < 4 mA at 0...2 V <sub>DC</sub> output • at 1000 Ω load resistor	
Housing:		polycarbonate · RAL 7035 (light-grey) · IP 66 · for wall mounting · 1 cable entrance · 1 pressure equalisation · 2 m connecting cable · 4-pole	
Dimensions/ Weight:		130 x 80 x 60 mm · 0.3 kg with cable	
<b>Standard Line</b>	<b>(8121M500)</b>	<b>Air Pressure Sensor</b>	<b>Id-No. 00.08121.110 002</b>
Measuring range:		500...1100 hPa • switchable to 800...1100 hPa	