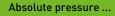


## 8121 AIR PRESSURE SENSOR





is measured inside the cost effective, practical and robust standard housing. The technical design enables the on site changeover of the measuring range, as well as the choice of the output signal. This universally applicable sensor is the right solution for price conscious customers. It distinguishes itself through its low maintenance and easy operation.

- · cost effective
- OEM variant 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

## APPLICATIONS

- $\cdot\,$  building services
- $\cdot$  industrial applications
- weather stations

Professional Line	8121 Air pressure sensor
ld-No.	00.08121.110002: 5001100 hPa
	00.08121.100002: 6001100 hPa
Measuring range	5001100 hPa • 6001100 hPa • switchable to 8001100 hPa
Accuracy	$\pm$ 1 hPa within the range -10+60 °C • < $\pm$ 2 hPa within the range -2010 °C
Resolution	0.1 hPa
Output	020 mA • 420 mA • 02 V - selectable / adjustable
Range of application	altitude 04000 m • temperatures −20+70 °C • humidity 099 % r. h.
Supply voltage	1230 VDC (current output) • 530 VDC (voltage output)
Power consumption	< 30 mA at 0(4)20 mA output • < 4 mA at 02 VDC output • at 1000 Ω load resistor
Measuring elements	piezoresistive pressure measuring cell
Design	wall mounting
Dimensions	130 x 80 x 60 mm
Housing	resistor polycarbonate • RAL 7035 (light-grey) • 1 cable entrance • 1 pressure equalisation
Protection class	IP 66
Weight	0.3 kg with cable
Cable	2 m connecting cable • 4-pole

As of: 11.06.2019