PRODUCT-VIEW

LAMBRECHT meteo

AN aem BRAND

8121 AIR PRESSURE SENSOR

METAL MATERIAL

IP 66 PROTECTION RATING

INDUSTRIAL



Absolute pressure

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 three modes of operation
- For use with data loggers in power saving mode (e.g. solar operation)
- One device with two pressure measuring ranges and three standard outputs; adjustable via jumpers

APPLICATIONS

- Building services
- Industrial applications
- Weather stations

Professional Line	8121
Id-No.	00.08121.110002: 500...1100 hPa 00.08121.100002: 600...1100 hPa
Measuring range	500...1100 hPa • 600...1100 hPa • switchable to 800...1100 hPa
Accuracy	± 1 hPa within the range -10...+60 °C • ± 2 hPa within the range -20...-10 °C
Resolution	0.1 hPa
Output	0...20 mA • 4...20 mA • 0...2 V - selectable / adjustable
Range of application	altitude 0...4000 m • temperatures -20...+70 °C • humidity 0...99 % r. h.
Supply voltage	12...30 VDC (current output) • 5...30 VDC (voltage output)
Power consumption	30 mA at 0(4)...20 mA output • 4 mA at 0...2 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: 28.03.2024