AIR PRESSURE SENSOR

AIR PRESSURE

Emphasis ...

is on the advantageous ratio of performance and cost. 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 makes trouble-free outdoor application possible.

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

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

ANALOG OUTPUT

METAL MATERIAL

ROBUST

Professional Line	**(8128)**	**Air Pressure Sensor**

Measuring element:	pressure-sensitive silicon diaphragm • capacitive
Measuring range:	600...1100 hPa Id-No. **00.08128.085 072**
	800...1100 hPa Id-No. **00.08128.095 072**
Accuracy:	± 0.3 hPa within the range of 800...1100 hPa • 20 °C
	± 0.5 hPa within the range of 600...1100 hPa • 20 °C
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

Versions:
(see chapter „Data logger and Software")

32.95660.008 020 (600...1100 hPa)	**Air pressure sensor module** for SYNMET-IND... (installation kit)
32.95660.008 040 (800...1100 hPa)	**Air pressure sensor module** for SYNMET-IND... (installation kit)
32.95665.020 010 (600...1100 hPa)	**Air pressure sensor module** for SYNMET-LOG... (installation kit)
32.95665.020 030 (800...1100 hPa)	**Air pressure sensor module** for SYNMET-LOG... (installation kit)