



## 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

Professional Line	(8128)	Air Pressure Sensor
Measuring element:		pressure-sensitive silicon diaphragm • capacitive
Measuring range:		600...1100 hPa Id-No. <b>00.08128.085 072</b> 800...1100 hPa Id-No. <b>00.08128.095 072</b>
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 <sub>DC</sub>
Output voltage:		0...5 V <sub>DC</sub>
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)