

# 8128 AIR PRESSURE SENSOR



### Efficient and cost-effective

The favorable ratio between performance and costs is remarkable. 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 facilitates trouble-free outdoor application.

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

### APPLICATIONS

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

| Professional Line    | 8128                                                                                                   |
|----------------------|--------------------------------------------------------------------------------------------------------|
| Id-No.               | 00.08128.085072: 600...1100 hPa<br>00.08128.095072: 800...1100 hPa                                     |
| Accuracy             | ± 0.3 hPa within the range 800...1100 hPa • 20 °C<br>± 0.5 hPa within the range 600...1100 hPa • 20 °C |
| Resolution           | 0.01 hPa                                                                                               |
| Long-term stability  | 0.1 hPa/ year                                                                                          |
| Output               | 0...5 VDC                                                                                              |
| Range of application | altitude 0...3200 m • temperatures -40...+60 °C                                                        |
| Supply voltage       | 9.5...28 VDC                                                                                           |
| Power consumption    | 3 mA                                                                                                   |
| Measuring elements   | pressure sensitive silicon diaphragm • capacitive                                                      |
| Dimensions           | 196 x 160 x 97 mm                                                                                      |
| Housing              | aluminium protection guard • RAL 9010 (clean-white) • IP 43                                            |
| Weight               | sensor module 0.135 kg • 1.6 kg with protective housing                                                |

As of: 17.08.2022