

| CO <sub>2</sub> measurement |  |
|-----------------------------|--|
| Measuring principle         | Non-diffusive infrared (NDIR) technology |
| Type of sensor              | Double-beam infrared cell sensor         |
| Measurement range           | 0 to 5,000 ppm                           |
| Uncertainty                 | ± 50 ppm ± 3 % of value measured         |
| Response time, 63 %         | < 200 seconds                            |
| Resolution                  | 1 ppm                                    |
| Temperature measurement     |  |
| Type of sensor              | CMOS                                     |
| measurement range           | -10 °C to +60 °C                         |
| Accuracy                    | ± 0.5 °C                                 |
| Resolution                  | 0.1 °C                                   |
| Humidity measurement        |  |
| Type of sensor              | Capacitive                               |
| Measurement range           | 5 to 95 % RH                             |
| Accuracy                    | ± 2 % RH                                 |
| Resolution                  | 0.1 % RH                                 |

| Types of use             |   |
|--------------------------|---|
| <b>Point measurement</b> | Quick measurement and display of the CO <sub>2</sub> , temperature and relative humidity values   |
| <b>Monitoring</b>        | <p><b>1D mode:</b> indication of CO<sub>2</sub> confinement<br/>Visual (two-colour backlighting &amp; pictograms) and/or audible indication of high confinement when the CO<sub>2</sub> concentration is between 1,000 ppm and a 1,700 ppm threshold.</p> <p><b>3D mode:</b> indication of optimum comfort zone on the basis of the hygrothermal criteria and the CO<sub>2</sub> concentration.</p> <p>Energy-saving (ECO): for fixed use on battery power, the product performs measurements every 10 minutes over a programmable time range for a battery life of up to one year.</p> |
| <b>Logger</b>            | <p><u>Triggering of programmed recording (P_REC)</u><br/>The start date, recording rate and end date can be customized with the PC software or the Android application. Possibility of locking the display in this mode (no values displayed).</p> <p><u>Manual triggering (M_REC)</u><br/>Manual start and stop controls on the product.<br/>Recording is performed at the rate of the mode currently selected.</p>  |