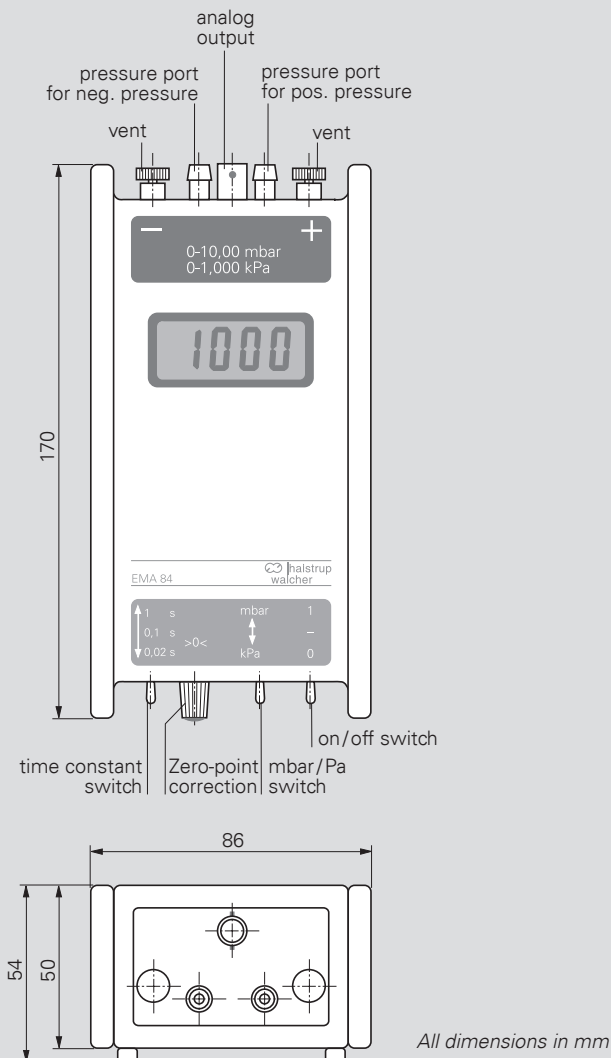




## Features

- Very robust digital pressure gauge
- Ideal for service technicians, easy-to-read display
- High level of accuracy
- Manual zero-point correction
- With optional analog output for writer or power/voltage logger



All dimensions in mm

|                                    |   |
|------------------------------------|---|
| Measurement accuracy <sup>1)</sup> | ± 0.2 % FS<br>for measurement ranges 1 .. 10 kPa<br>or ± 0.5 % FS<br>for measurement ranges 1 .. 100 kPa<br>or ± 1 % FS |
| Overload capacity                  | 10 x for measurement ranges ≤ 10 kPa<br>2 x for measurement ranges > 10 kPa   |
| Zero-point correction              | via potentiometer on front face   |
| Medium                             | air, all non-aggressive gases   |
| Analog output                      | 0..1 V (R <sub>L</sub> ≥ 2 kΩ) BNC connector  |
| Display                            | 3 ½ digit LCD,<br>character height = 13 mm  |
| Time constants                     | toggles between 0.02 s; 0.2 s; 1 s  |
| Operating temperature              | 10..60 °C   |
| Storage temperature                | -10..70 °C  |
| Operating position                 | preferably horizontal   |
| Power supply                       | 9 V battery   |
| Weight                             | approx. 0.8 kg  |
| Pressure ports                     | for tubing NW 6 mm  |
| Certificates                       | CE / UKCA   |

<sup>1)</sup> Measurement accuracy of the reference 0.3 Pa, precision of the reference 0.12 Pa, for measuring ranges ≤ ±1 kPa

| Measurement range |                  | A   |
|-------------------|------------------|-----|
| 0.. 100 Pa        | (0.. 1 mbar)     | 0   |
| 0.. 1 kPa         | (0.. 10 mbar)    | 1   |
| 0.. 10 kPa        | (0.. 100 mbar)   | 10  |
| 0.. 100 kPa       | (0.. 1 000 mbar) | 100 |

| Measurement accuracy                              | B |
|---|---|
| ± 0.2 % FS<br>for measurement ranges 1 .. 10 kPa  | 2 |
| ± 0.5 % FS<br>for measurement ranges 1 .. 100 kPa | 5 |
| ± 1 % FS  | 1 |

| Analog output     | C |
|-------------------|---|
| none              | 0 |
| 0..1 V (optional) | 1 |

| Calibration certificate            | D |
|------------------------------------|---|
| none                               | 0 |
| Factory calibration                | W |
| Calibration according to DKD-R 6-1 | D |

| Order code | A | B | C | D |
|------------|---|---|---|---|
| EMA 84     | — | — | — | — |