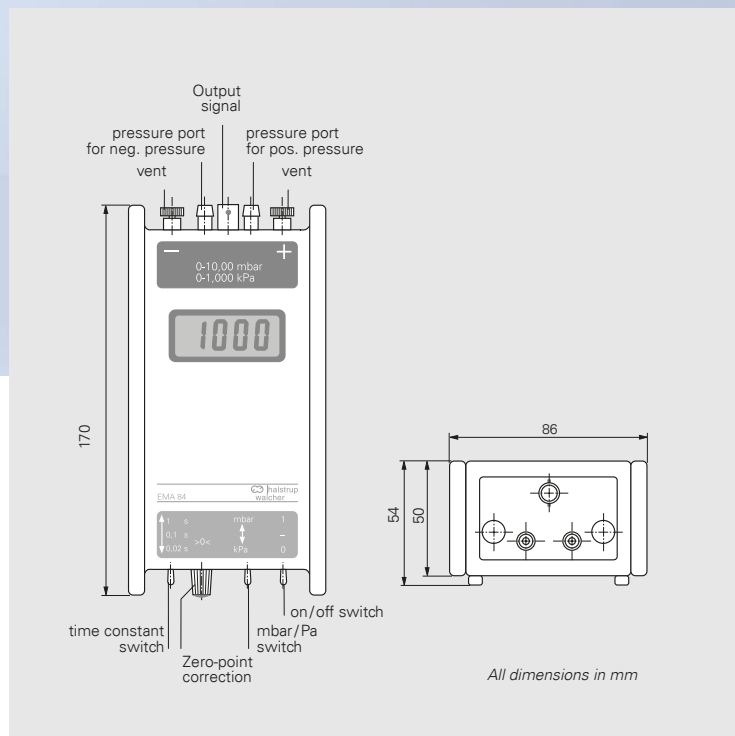




## Features

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



Measurement accuracy <sup>1)</sup>	± 0.2 % FS measurement range 1 .. 10 kPa or ± 0.5 % FS measurement range 1 .. 100 kPa or ± 1 % FS
Overload capacity	10 x for measurement range ≤ 10 kPa 2 x for measurement range > 10 kPa
Zero-point correction	via potentiometer on front face
Medium	air, all non-aggressive and non-flammable gases
Output signal	0..1 V ( $R_L \geq 2 \text{ k}\Omega$ ) BNC connector
Display	3 ½ digit LCD, 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. 800 g
Pressure ports	for tubing NW 6 mm
Certificates	CE

<sup>1)</sup> FS: Full Span - measuring range plus ± 0.3 Pa for measuring range end values ≤ 1.5 kPa

Order Code	A	B	C	D
EMA 84	-	-	-	-

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.. 1000 mbar) 100

Measurement accuracy	B
± 0.2 % FS measurement range 1 .. 10 kPa	2
± 0.5 % FS measurement range 1 .. 100 kPa	5
± 1 % FS	1

Output signal	C
none	0
0..1 V (optional)	1

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

## Accessories



**Shoulder bag EMA 200**  
Order no. 9074.0001

**Carrying bag EMA 84**  
Order no. 9063.0001  
(without LCD viewing window)  
Order no. 9064.0001  
(with LCD viewing window)



	<b>Order no.</b>
Silicone tubing ID 5 mm, AD 9 mm, red (please state length required)	9601.0160
Silicone tubing ID 5 mm, AD 9 mm, blue (please state length required)	9601.0161
Norprene tubing ID 4,8 mm, AD 8 mm, black (please state length required)	9061.0132
Y-piece for tubing, NW 5mm	9601.0171
Telescoping pitot tube for flow measurements (EMA 200)	9061.0193

### Telescoping pitot tube for flow measurements



Max. working length: 980 mm  
Min. working length: 250 mm  
Transport length: approx. 200 mm