

## EMA 84

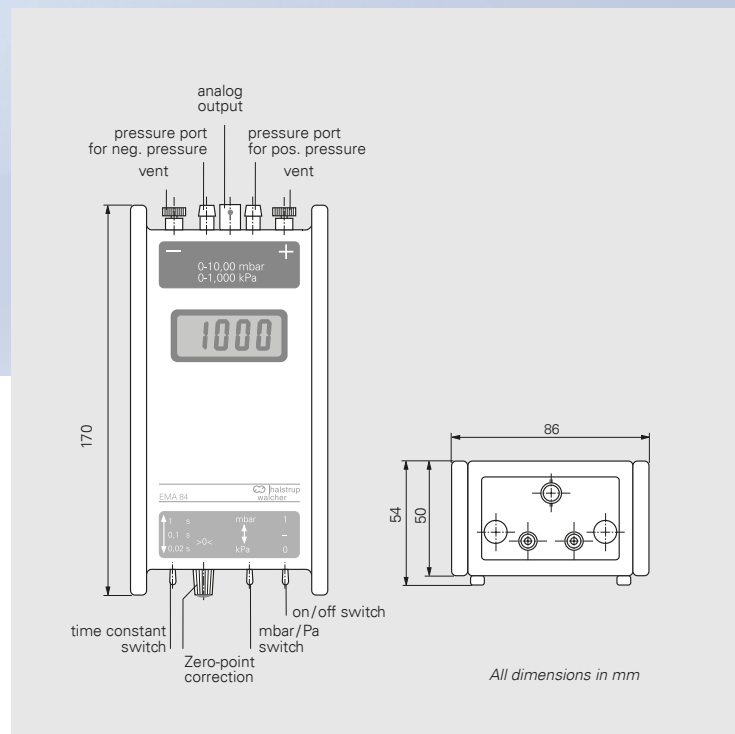


### Features

- 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

Measurement accuracy <sup>1)</sup>	$\pm 0.2\%$ FS for measurement ranges 1 .. 10 kPa  or $\pm 0.5\%$ FS for measurement ranges 1 .. 100 kPa  or $\pm 1\%$ FS
Overload capacity	10 x for measurement ranges $\leq 10$ kPa 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 ( $R_L \geq 2$ k $\Omega$ ) BNC connector
Display	3 1/2 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. 0.8 kg
Pressure ports	for tubing NW 6 mm
Certificates	CE/UKCA

<sup>1)</sup> Measurement accuracy for the reference 0.3 Pa, for measuring ranges  $\leq \pm 1.5$  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			
$\pm 0.2\%$ FS for measurement ranges 1 .. 10 kPa				2
$\pm 0.5\%$ FS for measurement ranges 1 .. 100 kPa				5
$\pm 1\%$ FS				1
Analog output	C			
none				0
0..1 V (optional)				1
Calibration certificate	D			
none				0
Factory calibration				W
Calibration according to DKDR-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)



Silicone tubing ID 5 mm, AD 9 mm, red  
(please state length required)  
Silicone tubing ID 5 mm, AD 9 mm, blue  
(please state length required)  
Norpren tubing ID 4,8 mm, AD 8 mm, black  
(please state length required)  
Y-piece for tubing, NW 5mm  
Telescoping pitot tube for flow measurements (EMA 200)

**Order no.**  
9601.0003  
9601.0004  
9061.0002  
9601.0171  
9061.0193

### Telescoping pitot tube for flow measurements



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