

# MANO84 Series

## Digital pressure manometer

Ref : 2853

Rev : B



## DESCRIPTION

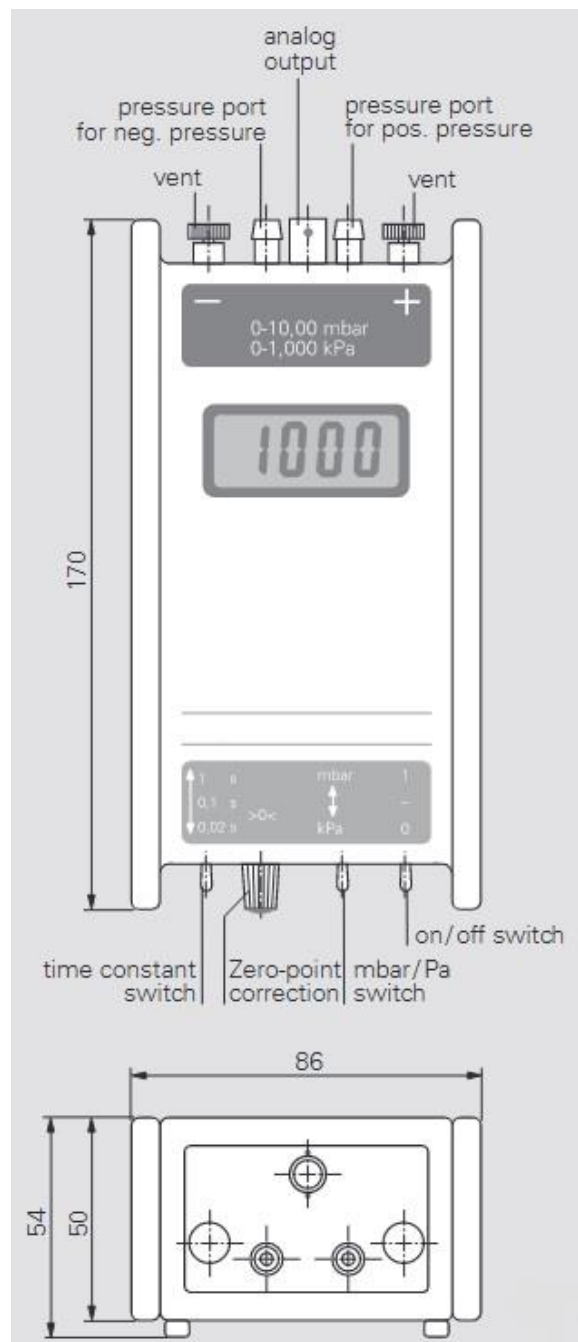
The MANO84 digital pressure gauge is a robust, easy-to-use and highly accurate portable device with long-term stability (very little temperature dependence). Equipped with an LCD and manual zero-point compensation (auto-zero), it allows measurements of positive and negative differential pressures. The MANO84 is the ideal device for HVAC unit maintenance work, where it can monitor filters or measure chimney drafts, etc. Its accuracy and reproducibility also make it ideally suited for use in laboratory applications.

## TECHNICAL CHARACTERISTICS

PARAMETRES	VALEURS
Measurement ranges	0 ... 100 Pa / ... 1 kPa / ... 10 kPa / ... 100 kPa
Measurement accuracy	± 0.2 % of max. value (for measurement ranges 1 ... 10 kPa) ± 0.5 % of max. value (for measurement ranges 1 ... 100 kPa)
Overload capacity	±1 % FS 10 times for measuring ranges ≤ 10 kPa 2 times for measuring ranges > 10 kPa
Zero-point correction	via potentiometer on front face
Medium	air, all non-aggressive gases
Analog output	0 ... 1 V ( $R_L \geq 2 \text{ k}\Omega$ ) BNC connector
Display	3 ½ digits (character height 13 mm)
Time constants	0.02s / 0.2s / 1 s (permutable)
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

- ✓ Very robust digital pressure gauge
- ✓ High level of accuracy and long-term stability, largely independent of temperature
- ✓ Available for 4 measuring ranges
- ✓ Manual zero-point correction
- ✓ Can be calibrated
- ✓ Analog output for writer or power / voltage logger (option)

## DIMENSIONS (mm)



## ORDER INFORMATION

## Order code

A B C D

## MANO 84

Measuring 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

Measuring accuracy		B
→ ±0.2 % of max. value for measurement ranges 1 ... 10 kPa		2
→ ±0.5 % of max. value 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		1
→ Calibration according to DKD-R 6-1		D

## CONTACT

## MESUREX

13 Rue des Corroyés  
78730 Saint Arnoult en Yvelines (France)

Tel : +33 (0) 1 30 41 23 62

Mail : [mesurex@mesurex.fr](mailto:mesurex@mesurex.fr)Web : [www.mesurex.fr](http://www.mesurex.fr)