

# MANO200 Series

Digital pressure manometer

Ref : 2854

Rev : B



## DESCRIPTION

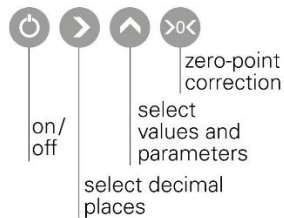
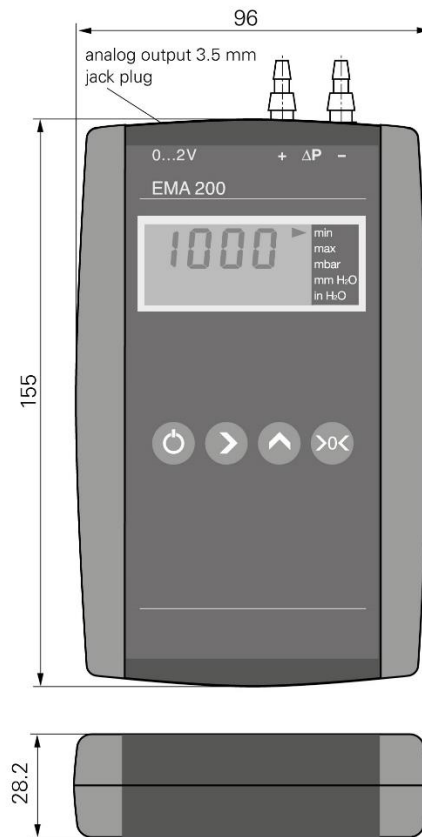
The MANO200 digital pressure gauge is a portable device for accurate measurement of positive and negative differential pressures, as well as airflow and temperature. It is equipped with a liquid crystal display and manual zero-point compensation (auto-zero). Its size and ease of use make it ideal for maintenance work on heating, air conditioning or ventilation units, where it enables the monitoring of filters and the measurement of chimney drafts and flow rates.

## TECHNICAL CHARACTERISTICS

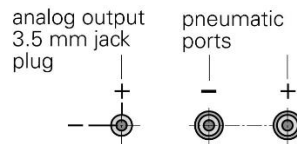
PARAMETRES	VALEURS
Measurement accuracy	0.5 % of max. value (at 22 ° C)
Overload capacity	10 x for measuring ranges ≤ 20 kPa 2 x measuring ranges 200 kPa
Calculation of air speed	$v = \text{pitot factor} \cdot \sqrt{(2 \cdot \Delta P) / \text{air density}}$ (Pitot factor and density adjustable) v in m/s and $\Delta P$ =differential pressure at the Pitot tube [Pa] with telescoping Pitot tube
Zero point correction	Performed electronically by pressing zero-point key
Medium	Air, all non-aggressive gases
Analog output	0 ... 2 V ( $R_L \geq 2 \text{ k}\Omega$ )
Display	3 ½ digit LCD (character height 10mm)
Time constant	1 ... 10 s
Operating temperature	0 ... 50 °C
Stockage temperature	-10 ... 70 °C
Power supply	9V battery (service life approx. 100h)
Weight	Approx. 0.4 kg
Pressure ports	For tubing DN 4 or 6 mm
Certificates	CE/UKCA

- High standard manometer to measure differential pressures and flow-rates
- High level of accuracy and long-term stability
- Pitot factor and density adjustable
- Zero-point correction by pressing a button
- Storage of min. and max. values
- Automatic pause of the device after 20min to save battery

## DIMENSIONS (mm)



### Connection diagram



## INFORMATIONS DE COMMANDE

### Code de commande

**MANO 200**

**A**

Plage de mesure			A
→ ± 200 Pa	(± 2 mbar)	1.5 ... 18 m/s	0
→ ± 2 kPa	(± 20 mbar)	5 ... 58 m/s	1
→ ± 20 kPa	(± 200 mbar)	15 ... 180 m/s	10
→ ± 200 kPa	(± 2000 mbar)		100

## CONTACT

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