

# DIFFERENTIAL PRESSURE GAUGES AND MANOMETERS

## MM Series

Liquid column manometer for HVAC applications

The MM series liquid column manometers are engineered for HVAC/R applications. The MM series devices detect air and non-corrosive gas pressures (differential, vacuum and positive) and provide a clear analog display of the measured values.

The MM series is designed with a reservoir to protect the manometer liquid from leaking into the duct during overpressure situation.

**MM series device features include:**

- field adjustable zero point calibration
- pressure limit stickers

**The MM series device options offer:**

- level bubble



SIMILAR PRODUCTS

- DPG series differential pressure gauges
- MMU series U-tube manometers

APPLICATIONS

MM series devices are commonly used in HVAC/R systems for:

- fan, blower and filter monitoring
- pressure and flow monitoring
- pressure monitoring in cleanrooms

### MODEL SUMMARY

Description	Model	Product code	Measurement range (Pa)
Liquid column manometer	MM±50	107.001.001	-50...0...+50
Liquid column manometer	MM100	107.002.001	-20...0...100
Liquid column manometer	MM±100500	107.003.001	-100...0...100
Liquid column manometer	MM200600	107.004.001	0...200...600

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### SPECIFICATIONS

#### Performance

**Accuracy:**  
MM±50      ±1 Pa  
MM100      ±1 Pa  
MM±100500  
    -100...0 Pa ±5 Pa  
    0...500 Pa ±25 Pa  
MM200600  
    0...200 Pa ±5 Pa  
    200...600 Pa ±25 Pa  
**Overpressure:**  
Max pressure 200 kPa

#### Technical specifications

**Media compatibility:**  
Dry air or non-aggressive gases  
**Measuring units:**  
Pa  
**Measuring ranges:**  
-50...0...50 Pa  
-20...0...100 Pa  
-100...0...100 Pa  
0...200...600 Pa  
**Environment:**  
Operating temperature:  
-40...+60 °C  
**Gauge fluid:**  
Red: s.g. 0.786 kg/dm (15 °C)  
(Isopar M)  
    MM±50 RED  
    MM100 RED  
    MM±100500 RED  
    MM200600 RED

#### Physical

**Case:**  
ABS  
**Cover:**  
PMMA  
**Knobs:**  
Polycarbonate (PC)  
**O-ring:**  
Nitrile rubber (NBR)  
**Weight:**  
420 g

#### Safety

Product equipped with integral reservoir to prevent gauge fluid leakage during overpressure situation.

#### Conformance

Meets the requirements for CE marking:  
RoHS Directive: 2011/96/EU

COMPANY WITH  
MANAGEMENT SYSTEM  
CERTIFIED BY DNV GL  
= ISO 9001 = ISO 14001 =

