

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
- burst proof protection



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.