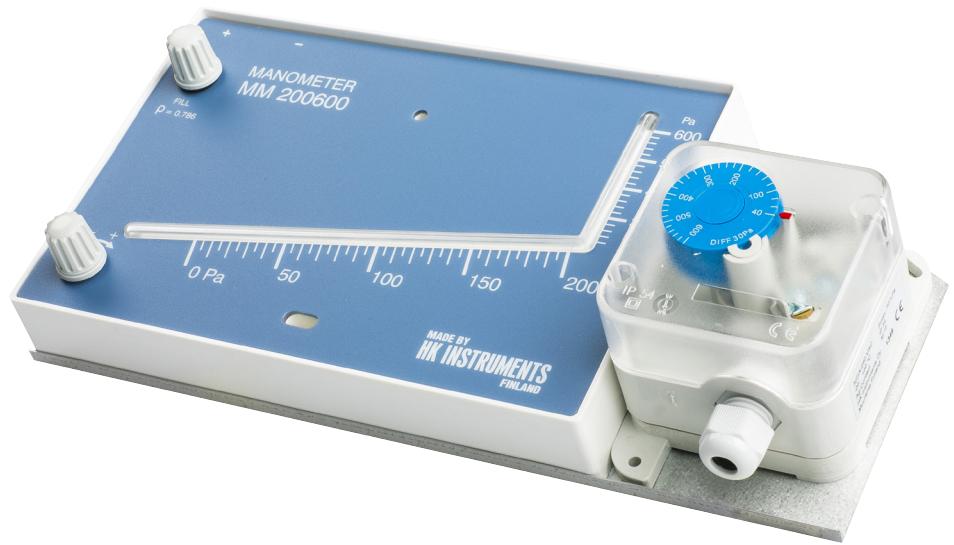


FILTER ALERTS MM/PS Series

Combination of a liquid column manometer and a differential pressure switch

In many situations filter monitoring requires an alarm signal and a local display. Our filter alerts are the right solution for these situations. The filter alerts combine differential pressure switches with manometers into one practical product offering.



APPLICATIONS

The filter alerts are a solution for systems requiring visual indication of pressure on site and a switching point signal. The filter alerts are ideal for general-purpose work in air-conditioning and ventilation, especially in monitoring of air filters for contamination.

MODEL SUMMARY

Description	Model	Product code	Measurement range MM (Pa)	Measurement range PS (Pa)
Combination of liquid column manometer and pressure switch	MM200600/PS600	110.001.001	0–600 Pa	40–600 Pa

FILTER ALERTS

MM/PS Series

Combination of a liquid column manometer and a differential pressure switch

SPECIFICATIONS

Performance

Switching difference:

30 Pa

Accuracy of switching point (low limit typ.):

40 Pa ±5 Pa

Accuracy of switching point (high limit typ.):

600 Pa ±30 Pa

Electrical rating, resistive load:

3 A / 250 VAC

Electrical rating, inductive load:

2 A / 250 VAC

Maximum pressure:

50 kPa

Service life:

> 1 000 000 switching operations

Technical specifications

Media compatibility:

Dry air or non-aggressive gases

Measuring units:

Pa

Environment:

Operating temperature:

-20...+60 °C

Storage temperature:

-40...+85 °C

Gauge fluid:

Red: s.g. 0.786 kg/dm (15 °C)

(Isopar M)

Physical

Case (MM&PS):

ABS

Cover:

MM: PMMA

PS: PC

Membrane (PS):

silicone

Duct connectors (PS):

ABS

Tubeing (PS):

PVC

Screws (MM):

PC

Sealing (MM):

NBR

Protection standard:

IP54

Electrical connections:

3-screw terminal

Cable entry:

M16

Pressure fittings:

Male Ø 5 mm

Weight:

560 g

Conformance

Meets the requirements for CE marking:

EMC Directive 2004/108/EY

Rohs Directive 2002/95/EY

Low voltage 73/32/EEC