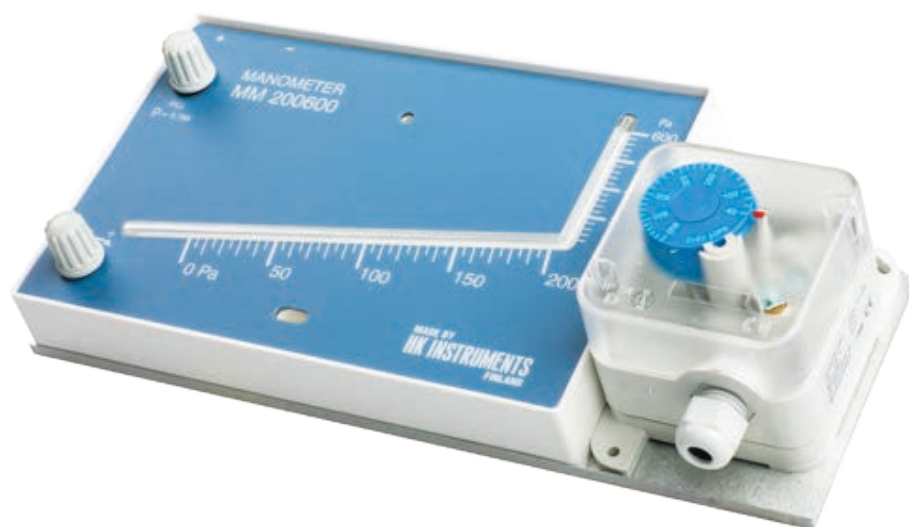


## FILTER ALERTS MM/PS SERIES

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

## SPECIFICATIONS

### Performance

**Switching difference:**

30 Pa

**Accuracy of switching point (low limit typ.):**

40 Pa  $\pm$ 5 Pa

**Accuracy of switching point (high limit typ.):**

600 Pa  $\pm$ 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

**Tubing (PS):**

PVC

**Screws (MM):**

PC

**Sealing (MM):**

NBR

**Protection standard:**

IP54

**Electrical connections:**

3-screw terminal

**Cable entry:**

M16

**Pressure fittings:**

Male  $\varnothing$  5 mm

**Weight:**

560 g

### Conformance

Meets the requirements for CE marking:

EMC Directive 2014/30/EU

RoHS Directive 2011/65/EU

LVD Directive 2014/35/EU

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

