



## MD



### FOR THE DISPLAY AND MONITORING OF DIFFERENTIAL PRESSURES

Measuring devices for the display and monitoring of differential pressures for gaseous, non-aggressive media

- Mechanical and electronic measuring devices

Analog:

- U-tube manometer or inclined tube manometer

Digital:

- With display according to DIN 1946 Part 4 and VDI 3803
- Stepless adjustment of differential pressure limiting value
- Optical signal upon reaching the limiting value
- Volt-free signal output for integration into the central BMS
- Illuminated display with warning function

## Application



Application

- Pressure measuring devices type MD for installation into ventilation systems
- For the display and monitoring of differential pressures in gaseous media, such as air or inert gases
- To ensure correct maintenance of filters

Special characteristics

- Compact construction
- Easy operation
- Variant APC, display of 2 measuring ranges according to installation orientation
- Variant DPC, standardised measurement to DIN 1946-4 and VDI 3803
- Variant DPC, can be integrated with the central BMS

## Description



Variants

- UT: U-tube manometer
- APC: Analog pressure monitor
- DPC: Digital pressure monitor

Construction

- Analog constructions: U-tube manometer and inclined tube manometer with measuring fluid
- Digital construction: with electronics
- 230 V or 24 V AC/DC supply voltage

Useful additions

- Measuring fluid, to be ordered separately

## INFORMACIÓN TÉCNICA

Pressure measuring devices MD with different measuring ranges for displaying or monitoring the differential pressure of gaseous media.

U-tube manometer and analog pressure monitor are measuring devices with display function.

The digital pressure monitor is a monitoring and measuring device with an illuminated display and warning function; a warning is issued when the differential pressure exceeds the set limit.

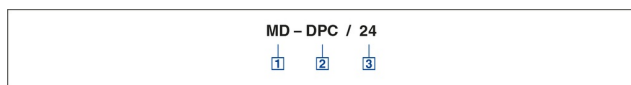
Relay output with volt-free contact for integration into the central BMS.

Special characteristics

- Compact construction
- Easy operation
- Variant APC, display of 2 measuring ranges according to installation orientation
- Variant DPC, standardised measurement to DIN 1946-4 and VDI 3803
- Variant DPC, can be integrated with the central BMS

Construction

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- Digital construction: with electronics
- 230 V or 24 V AC/DC supply voltage



### 1) Type

**MD** Measuring device

### 3) Supply voltage

**24** 24 V AC/DC ± 15%, 50/60Hz

### 2) Variant

**UT** U-tube manometer

**APC** Analogue pressure monitor

**DPC** Digital pressure monitor