



TFM-2-TPM

FOR THE MONITORING OF DIFFERENTIAL PRESSURE, VOLUME FLOW RATE OR FACE VELOCITY

Monitoring system for measuring variables from an external transducer

- Areas of application: Monitoring of differential pressure in rooms or ducting, of volume flow rates, and of the face velocity on fume cupboards
- Connection of voltage signals 0 – 10 V with characteristics that can be set individually
- Monitoring of two independent values; the corresponding types of alarm can be set
- Optical and acoustic alarms are emitted on the control panel
- Power failure is displayed on the control panel
- Monitoring parameters and additional functions can be adjusted using MConnect configuration software
- For new installations and for refurbishment

Recording of the measured value to be monitored

- Face velocity transducer VS-TRD
- Differential pressure transducer with voltage signal

Description produit



Application

- Monitoring devices Type TFM-2-TPM for volume flow rates, face velocity or room differential pressure with optical and acoustic alarms and alarm signalling to higher-level systems (central BMS)
- Selection of type of monitoring (volume flow rate, face velocity, differential pressure) with a single unit, configurable
- Measuring with transducers (to be provided by others) that transform measured value into an electric signal
- For use in laboratories, clean rooms in the pharmaceutical and semiconductor industries, operation theatres, intensive care units
- For new installations, retrofit, and refurbishment projects

TFM-2

- Monitoring of the volume flow rate of fume cupboards, fume hoods, extraction arms to EN 1475; as an alternative, for the monitoring of volume flow rates in ducting
- Monitoring of the face velocity for fume cupboards, fume hoods
- Electric actual value signal, for example from a volume flow controller (to be provided by others) or face velocity transducer

TPM

- Monitoring of the differential pressure in rooms or ducting
- Electric actual value signal, for example from a room pressure transducer (to be provided by others) or balance ring manometers

Special features

- Monitoring of volume flow rate, differential pressure or face velocity
- Measurement recording with transducer (to be provided by others) as 0 – 10 V signal
- Two values can be monitored, switching between the two is possible; alarms can be configured; monitoring can be switched off
- Optical and acoustic alarms are emitted on the control panel

- Signalling of normal operation, measured value higher or lower than setpoint, power failure
- Conventional alarm signalling (switch contact) to the central BMS
- On-site configuration with free-of-charge configuration software MConnect