TFM-1

FOR THE MONITORING OF VOLUME FLOWS

Monitoring system with integral static differential pressure transducer and measuring probe for fume cupboards, fume hoods and similar components of the supply air or extract air system

- 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
- Control panel with lighting button that also displays power failures
- Monitoring parameters and additional functions can be adjusted using MConnect configuration software
- For new installations and for refurbishment

Alternative recording of the volume flow being monitored

- Using volume flow rate measuring unit Type VMR, VME or VMLK

Description produit

Application

– Monitoring system TFM-1 for volume flow monitoring on fume cupboards, fume hoods and similar components
– Simple solution for fume cupboards with a constant extract air flow
– Optical and acoustic alarms as well as alarm signalling to higher-level systems (central BMS)
– Measured value recording by means of a measuring probe and an integral static differential pressure transducer
– For use in laboratories, clean rooms in the pharmaceutical and semiconductor industries, operation theatres, intensive care units, and offices
– For new installations, retrofit, and refurbishment projects

The correct aerodynamic function of a fume cupboard must be monitored and displayed (EN 14175-2, for refurbishment projects DIN 12924 may apply). Any fault must be indicated by an optical and acoustic alarm. The monitoring system TFM-1 meets these requirements.

Special features

– Two values can be monitored, switching between the two is possible; alarms can be configured; monitoring can be switched off
– Signalling of normal operation, volume flow rate higher or lower than setpoint, power failure
– Control of the fume cupboard lighting from the control panel

– Service access from the control panel
– On-site configuration with free-of-charge configuration software MConnect