

Massflow meter Series PMF01



Mass Flow Method

1 to 8 Test Channels

Field-tested Design

Technical Data and Functions of the Device family PMF01

General Technical Data PMF01

- Housing: 19", 1-4 channel 4HE(HxWxD) 145mm x 451mm x 660mm, 5-8 channel 7HE
- Computer: Multi processor system, CAN-Bus-Connected
- Protective System: IP 54
- Digital Inputs: 16 x 24V DC isolated
- Digital Outputs: 16 x 24V DC/0,5 A isolated
- Data Interfaces: 2 x serial (RS232 or 20mA), for example for printer, computer ...
Interbus, Profibus (Option)
Data communication with 3964R and ASCII protocol (Option)
- System language: 2 languages integrated (selectable), different languages available
- Measurement system: Mass flow sensors with ranges of 0...10 Nccm/min to 0...100000 Nccm/min mixed possible Pressure ranges from 0...100 kPa absolut to 0...1000 kPa possible (used for all channels)
- Evaluations: Mass flow rate: different units available, result may be normalized to the test pressure
- Other functions: Self test function, connection for a test leakage on the front, different pressure ranges possible (Vacuum to 1000 kPa)

Device informations about the PMF01

- The device allows to measure and classify air flows (e.g. leakages at valve seats of an engine)
- Its mostly usable features are the possibility of multi channel devices and the compact design
- Availability of 32 test programs to suit different inspection tasks
- It is possible to measure with high pressure or vacuum
- Usage of the mass flow method as measuring principle
- The result is a mass flow with for example the unit Ncm^3/min
- For test purposes, the traces of all channels can be displayed graphically on the LCD screen
- Ease of maintenance

PMF01- The multiple talent for a variety of tasks



APT Angewandte
Prozessortechnik GmbH
Innungstraße 27 c
D-50354 Hürth-Gleuel

Telefon 0 22 33 / 37 34 17
Telefax 0 22 33 / 37 34 10
E-Mail info@apt-huerth.de
Internet www.apt-huerth.de