

Transformer Fan Monitoring unit (11 or 12 fans only). Automatic system exercising and status indication.



- Automatic weekly or monthly system exercising
- Monitors fan operation during exercising and normal operation
- Indicates individual fan failure
- 12 monitored inputs (Specifically for 11 or 12 fans only)
- 2 voltage free 8 Amp changeover control relays
- 3 voltage free 8 Amp changeover relays providing status information
- Watchdog alarm relay for power failure
- Universal input power supply
- Integral battery back up for memory retention
- LCD for set up and fault identification
- Can be retrofitted to existing installations
- On site fitting service available



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PFM-12F Technical Specification

Configuration :

Inputs:

12 current sensing inputs from monitoring transducers

Specific 11 or 12 fan input configuration only.

16 button keypad for 'step by step' set-up procedure

User optional password protection for settings

Outputs:

Indications: System working
 Identified fault condition
 Test condition and status

A voltage free 'Watchdog' contact for power failure

Functions:

Electric current status motoring
System programmable by time and date
System test button

Typical Applications :

Fans monitoring
Motor operation monitoring
Programmable exercising

Case :

Polycarbonate : rated to IP54
Dimensions : H-215mm, W-258mm, D-140mm
Case entry : Rear 20mm 'knock-outs'
 Bottom blank for customer drilling
Mounting : Surface mounted

Power :

Supply Voltage: 85 – 264V AC @ 47 – 440Hz
 110 – 340V DC

Power supply fuse protected
Trickle charge battery back-up retains switch settings and time/date data in excess of 300 days

Electrical Connections :

2.5mm² PCB mounted terminal blocks with detachable plugs in easily accessed compartment

Switch Configurations :

Voltage free Single Pole Double Throw relays rated at 8A 250V AC, 30V DC

Indication :

Liquid crystal alpha-numeric display providing:
Operating Status
Test Status
Set-up menus
Fault identification

EMC compliance :

Instrument complies with applicable EMC directives for radiated emissions and susceptibility, conducted emissions, electrical fast transients and electrostatic discharge

Options :

Mounting bracket for free standing application
Transducers fitted as standard with 5 metres of cable (longer lengths available to order)

Full on site installation, calibration and maintenance service available.
Please contact Accurate Controls for technical assistance.

