

Cooler Pump & Fan Monitoring unit. Automatic system exercising and status indication.



- Automatic weekly or monthly system exercising
- Monitors pump & fan operation during exercising and normal operation
- Indicates individual pump and fan failure
- 12 monitored inputs (2 pump, 10 fan)
- 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 backup 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 Technical Specification

Configuration :

Inputs:

- 12 current sensing inputs from monitoring transducers
- 2 Pump & 10 Fan inputs
- 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 :

- Pumps & 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.

