

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 back up for memory retention
- LCD for set up and fault identification
- Can be retrofitted to existing installations
- On site fitting service available

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-230mm, W-220mm, D-126mm
- Case entry: -rear 20mm 'knock-outs'
- bottom blank for customer drilling
- Mounting: Surface mounted

Power:

- Supply Voltage: 85 – 264Vac @ 47 – 440Hz
110 – 340VDC
- 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 250Vac, 30VDC

Indication:

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

EMC compliance:

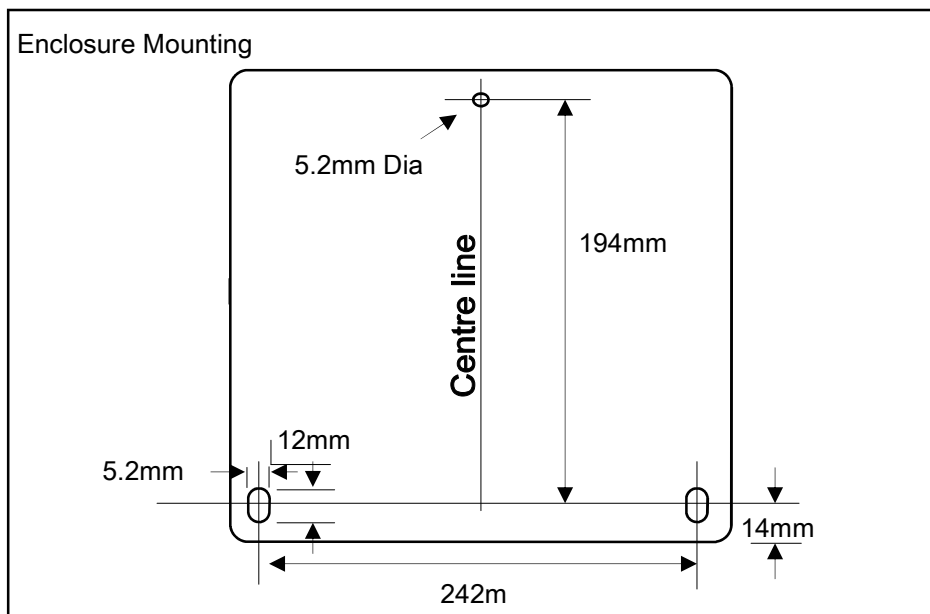
Instrument complies with applicable EMC directives for radiated emissions and susceptibility, conducted emissions, electrical fast transients and electrostatic discharge

Options:

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

Information required at time of ordering:

Number of current monitoring transducers



On site installation, calibration and maintenance service available by Accurate Controls
Please contact Accurate Controls Ltd. for further information