



Envirostat FP4i from United Automation

The Electronic Thermostat for Frost Protection

United Automation Ltd

- Temperature Ranges
-10 to +10°C
- 16 Amps Current Capacity
- Soft Start
- Suitable for 230VAC
- Includes Integrated 2 Metre Sensor
- IP65 Rating
- 1°C Accuracy
- Load Failure Indication
- Sensor Fault Indication
- 4 hourly test cycle



The Envirostat FP4i is an electronic thermostat designed to give energy efficient frost protection to pipe work where thermal insulation alone cannot protect pipes from freezing or being damaged by ice. The FP4i can also be used in temperature maintenance systems where there is a requirement to maintain a fluid at a desired temperature.

With on board alarm features to monitor internal and external fault situations. The LED indicator can highlight a particular fault by LED pulse rate.

The envirostat will automatically switch the power off to the load once an error is detected.

With solid state reliability, this product can be fitted and left to work only notifying you when a fault is detected. The built in soft start function ensures that each time power is initialised the load is energised gradually to suppress the increased inrush current associated with this type of application. This will help to significantly increase the life of the heater tape and protect against any weaknesses.

Features

- Soft Start
- Built in Sensor
- 1°C accuracy
- Load Failure Indication
- Sensor Fault Indication
- System Test check

- Accurate temperature monitoring and control for loads up to 16A.
- Reduced Inrush Current via Soft Start offers Increased Safety and improved Life of Heater Tape
- Built for a variety of applications it offers visual indication when a failure occurs.
- System test on installation plus routine retest
- The Envirostat is a cost effective solution to a potentially expensive failure.

Benefits

- Energy Saving
- Soft Start
- System test on start up
- Scheduled System check
- Simple Installation
- Closed Loop Temperature Control
- CE Approved
- RoHS Compliant
- Low Cost Solution
- Solid State Reliability
- Maintenance Free

Technology when you need it most

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Buy Online

www.farnell.com

Order Code 1838708

Product Information

For more information on any of our products or services please visit us on the Web at:
www.envirostat.eu
www.united-automation.com

Contact us:

Technical Enquiries
0044 (0) 1704 516509

General Enquires

Tel: 0044 (0) 1704 516500
Fax: 0044 (0) 1704 516501
E-mail: enquiry@united-automation.com

United Automation Ltd,
Southport Business
Park,
Kew, Southport
PR8 4HQ
ENGLAND.



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All businesses are becoming more conscious of their energy costs and environmental issues, often as a result of legislation. To help them take action, United Automation has introduced the Envirostat range of controllers, covering a wide range of heating applications. The Envirostat FP4i is designed to offer a high quality controller with a wide range of features often associated with more expensive products. With years of experience in design and manufacturing control systems many of these features are already incorporated within our products.

Alarm Indication

Power LED GREEN Illuminates only when load is ON

Status LED RED:

- 0.5 second Pulse - Output/Load Failure
- 0.1 second Pulse – Sensor Failure



Technical Specification

- Supply Voltage 230 VAC +/- 10%
- Supply Frequency 50Hz
- Switching Capacity 4kW Max
- Temperature Range -10 to +10°C
- Accuracy 1°C
- Soft Start Duration 1 second
- Terminals 2.5mm² Rising Clamp
- Operating Temperature -20° to +40°C
- Protection Rating IP65
- Current Consumption 15mA
- Enclosure Dimensions 95x130x55
- Fixing Centre's 97x82



SERVICES AVAILABLE

Technical Support
Installation and Setup
Application Support
Hardware Support
12 months Warranty

FARNELL ORDER CODE: 1838708

ENVIROSTAT FP4i

