Multistat™ Temperature controller

Model 120

Digital Control Systems, Inc.

- ACCURATE
- COST EFFECTIVE
- 2-YEAR WARRANTY
- CUSTOM LEXAN OVERLAY
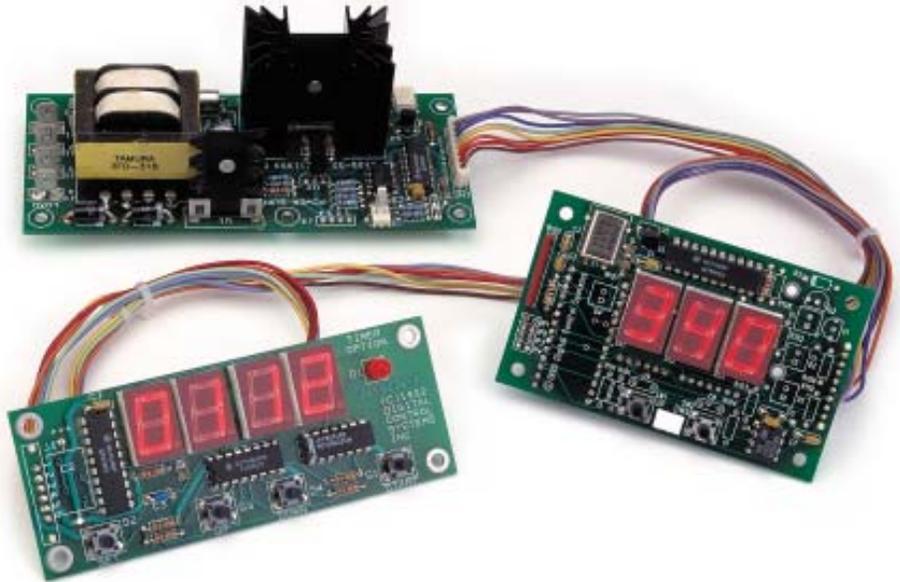
Designed for equipment manufacturers, the Model 120 provides a cost-effective way to quickly and simply incorporate state-of-the-art microprocessor-based control capabilities into a wide variety of products. It accurately regulates electrically controlled thermal processes operating at temperatures between 0 and 400 degrees Celsius, typically maintaining temperature stability to within one degree of setpoint.

The Model 120 provides the benefits of digital technology and the industrial design freedom of a custom control without the engineering and on-going support expenses of developing a proprietary design. Its rugged design, field-proven in thousands of controls installed worldwide, ensures long trouble-free operation.

The clearly legible .56" (14mm) high LED display (which normally shows the process temperature) together with the two buttons used to set and calibrate the controller, take up less than 7 square inches, making the Model 120 ideal for applications with small or crowded control panels. Application-

Digital Control Systems, Inc. • 7401 SW Capitol Highway • Portland, OR 97219 • USA
Phone: (503) 246-8110 • Fax: (503) 246-6747 • Toll Free: 1-877-468-6337 • http://www.dcs-inc.net

INNOVATION AND TECHNOLOGY

Specifications	
Control and Display Range	0 to 400 Degrees Celsius
Repeatability	Better than 1 degree Celsius
Control Stability	Plus or minus one degree Celsius typical
Maximum Load Current	10 Amps RMS
Power Requirements	117/220 VAC ± 10%, 50-60 Hz, 10 Watts
Display	3 Digit, 0.56" (14mm) high 7 segment LED
Sensor Input	100 Ohm Platinum RTD Type 'J' or 'K' thermocouple

specific graphics on an inexpensive lexan overlay (optionally available from DCS) easily customize the Model 120's ergonomic user interface to your product.

Designed with today's strict product safety requirements in mind, the Model 120 complies with UL 1262 and CSA C22.2 No. 24-1987 and CE.

Various standard options, including a second display (showing setpoint), integral over temperature protection, and timer are available.

Please call for more information. We are here to help you suc-

Our engineering team can help customize any temperature controllers for your applications.

COMMITTED TO YOUR SUCCESS