



TEMPERATURE CONTROLLER MODEL 405

Features:

Microcontroller based

- Bright red LED display 0.5", 0.8"
- Full 4 digit display.
- Accepts Linear & Non-Linear inputs.
- Highly accurate and stable display.
- Easily programmable for input type and range through front keypad.
- Full Software/Hardware calibration.
- RS-485 communication port for SCADA applications.
- Housing for protection in corrosive and hazardous atmosphere.
- Transmitter power supply available.
- Alarm/trip relay outputs



Specifications:

| | |
|--------------------------------|--|
| Display & Key board | 4 digit 0.56" seven segment LED display. |
| Input | Universal Linear Input 4-20mA, 0-20mA, 0-75mA 1-5V, 0-5V 1-5V, 0-5V 1-5V, 0-5V, ±10V, 0-10V ±75mV 0-6000, 0-400 Non-Linear Input RTD Pt-100, 3 wire: K, J, T,E,B, R, S t/c |
| Input Range | Linear Input -1999 to 9999 Non-Linear Input - Fixed RTD -199.9 to 850.0°C K-type t/c -100.0 to 1372°C J-type t/c -100.0 to 1200° T-type t/c -100.0 to 400°C E-type t/c -200 to 1000°C B-type t/c 450 to 1820°C R-type t/c 0 to 1768°C S-type t/c 0 to 1768°C |
| Accuracy | mA & Volt Inputs ±0.1% F.S ±1 count RTD & T/C Inputs ±0.1% F.S ±1 count |
| Control Output | Two set points for individual relay output rated for 2A @ 230 VAC. Individual hysteresis setting 0 to 100. Set point types are configurable to energize relays below or above set point. |
| Option | Transmitter power supply : 24V DC @ 30mA |
| Calibration | Software |
| General | Power supply : 90V to 270VAC, 50Hz (SMPS) Ambient : 0 to 55 C Humidity : Up to 95% RH non-condensing Power Consumption : Less than 10 VA |
| Environmental | Front facia IP 54. Enclosure IP 20. |
| Physical | Depth behind panel : 135 mm maximum Bezel Size : 96 (W) x 48(H) x 260(D)mm Panel cutout 92mm x 45mm |
| Housing (Optional) | IP 65 / Ex-proof |
| Communication | RS 232 / 485 with MODBUS- RTU Protocol |

Specifications are subject to change without notice due to continuous design improvement.

For further information/clarification send mail to info@digitalpromoters.com , digitalpromoters@gmail.com
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