

FLAMEPROOF DIGITAL TEMPERATURE CONTROLLER WITH DIGITAL COMMUNICATION



GET THE BENEFIT OF
LATEST DIGITAL
TECHNOLOGY AT A
SURPRISINGLY ATTRACTIVE
OWNERSHIP COST



MODEL DTM703C

FEATURES

- Compatible with 21 CFR Part 11 SCADA software.
- State of the art Microprocessor based fault tolerant design.
- High brightness 4 digit LED display
- Wide range: -100 to +400°C
- Resolution of 0.1°C over full range
- Built in Sensor Non Linearity correction to DIN 43760
- Single / Two point Software Calibration
- Dead Band HEAT / COOL Control
- Independent FAIL SAFE V.HI / V.LO SAFETY ALARM
- Non Volatile memory for Calibration data retention
- Flameproof IS 2148-2004 Gas Gr.II A, B enclosure.
- Digital Communication Interface on **RS485 MODBUS**

GLOBAL ELECTRONICS

(An ISO 9001:2008 Company)

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Specifications

Display	: 4 digit High Brightness 0.56" LED
Input	: RTD PT100 3 Wire As Per DIN 43760
Measurement range	: -100 to + 400°C
Resolution	: 0.1°C
Accuracy	: 0.1% Span \pm 0.2°C
Calibration	: 1 or 2 point calibration
Control	: Dead Band Control, Programmable HEAT / COOL
Alarm	: Independent FAIL SAFE V.Hi / V.Lo Alarm
Instrument Power	: 230V AC \pm 10%, 5VA, 50 Hz
Communication	: RS 485 MODBUS RTU
Enclosure	: Flameproof IS 2148-2004 Gas Gr II A,B
Operating Temperature	: 0 to 50°C
Operating Humidity	: 0 to 80 % (Non Condensing)
Mounting	: Wall Mounting
Dimensions (tentative)	: 220 (H) x 110 (W) x 120 mm (D)

DATA AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

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