

FLAMEPROOF DIGITAL THERMOMETER WITH DIGITAL COMMUNICATION



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



MODEL DTM700C

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
- Non Volatile memory for Calibration data retention
- Flameproof IS2148 – 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 DIN 43760
Measurement range	: -100 to + 400°C
Display Resolution	: 0.1°C
Accuracy	: 0.1% Span \pm 0.2°C
Calibration	: 1 or 2 point calibration
Instrument Power	: 230V AC \pm 10%, 5VA, 50 Hz
Communication	: RS 485 MODBUS RTU Protocol
Enclosure	: Flameproof IS2148 – 2004 Gas Gr.II A, B Enclosure
Mounting	: Wall Mounting
Dimensions	: 220 (H) x 110 (W) x 100 mm (D)
Environment	: Temperature : 0 to 50°C Relative Humidity : 0 - 80% (Non-condensing)

DATA AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

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