

DIGITAL THERMOMETER DTM 700C



NEW FLAMEPROOF DIGITAL THERMOMETER

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
(NO POTENTIOMETERS)
- Sensor cable resistance compensation
- Non Volatile memory for Calibration data retention
- Flameproof Gas Gr.II A, B enclosure.
- Digital Communication Interface on RS485 MODBUS

Technical Specifications

1. **Input** : RTD PT100 DIN 43760
2. **Measurement range** : -100 to + 400 °C
3. **Display** : 4 digit High Brightness 0.56" LED
4. **Display Resolution** : 0.1°C
5. **Accuracy** : 0.1% Span \pm 0.2 °C
6. **Calibration** : 1 or 2 point calibration
7. **Instrument Power** : 230V AC \pm 10%, 5VA, 50 Hz
8. **Communication** : Multidropping RS 485 **MODBUS RTU** Protocol
9. **Enclosure** : Flameproof to gas Gr.II A,B
10. **Operating Temperature** : 0 to 50 °C
11. **Operating Humidity** : 0 to 80 % (Non Condensing)
12. **Mounting** : Wall Mounting
13. **Dimensions** (tentative) : 220 (H) x 110 (W) x 100 mm (D)



Specifications subject to change without prior notice

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Global Electronics

3-5-331, Narayanguda, Hyderabad 500 029 India

Ph: +91 40 2322 1391, 2322 6687 Fax: +91 40 2322 2484 Email: info@ge-india.com URL: www.ge-india.com