



- **4-20 mA Input**
- **4-20 mA and 0 – 10V DC Retransmission output**
- **Password Protection**
- **Display Three parameters**
  - **Process Value**
  - **Manipulated Variable**
  - **Position Feedback Value**

## **DESCRIPTION**

Teletherm's Introduce new generation  $\mu$ C based Digital Auto Manual Station which displays the Process Value and position feedback value of the field environment (4 – 20 mA) input. It also displays MV and retransmits current and voltage output i.e. 4 to 20mA and 0 –10 VDC for corresponding MV. This instrument is designed to display the following values.

- **PV (-1999 to 9999)-User configurable**
- **MV (0 – 100%) - Fixed**
- **PFV (0 – 100%)-Fixed**

## **1. PERFORMANCE SPECIFICATIONS**

### **DISPLAY**

#### **Digital Display:**

- I. 4 digit 0.5" height 7 segment green LEDs for process variable.
- II. 4 digit 0.3" height 7 segment green LEDs for position feedback
- III. 4 digit 0.3" height 7 segment green LEDs to indicate manipulated value

#### **LED Indicator :**

- I. Auto Mode
- II. Manual Mode
- III. Relay Status

## **SPECIFICATION**

Input	: 4 – 20 mA
Accuracy	: 0.25% F.S $\pm$ 1 Digit for display
Power supply	: 230 $\pm$ 10% AC/50 Hz
Power consumption	: 10 VA ( Approx)

## **OUTPUT**

Retransmission	: 4 – 20 mA / 0 – 10 VDC
Accuracy	: $\pm$ 0.25% of full scale

## **FILTERING**

Built-in EMI filter

## **RELAY OUTPUT**

Contact type	: DPDT
Rating	: 24 V DC ; 2A ,120 VAC : 1A

## **CLIMATIC CONDITION**

Operating temperature range	: 0 - 55 °C
Storage temperature range	: 0 - 70 °C
Humidity	: 4 - 95% RH(Non-condensing)

## **EXTERNAL CONNECTION**

Power	: 3 pin screw type terminals
Input	: 6 pin Screw type terminals
Output	: 4 pin Screw type terminals
Relay	: 2 pin screw type terminals

## **MOUNTING**

Flush panel – vertical

## **CONSTRUCTION**

Casing	: M.S Black powder coated
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## **DIMENSION**

Bezel	: 97 mm X 97 mm
Cutout	: 92 mm X 92 mm
Case	: 91(H) X 91(W) X 160 (L)mm (excluding connectors)
Connector clearance	: 14 mm

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**MANUFACTURED BY:**

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