

**TECHNICAL SPECIFICATION OF AUTO/MANUAL STATION**

Input	4 to 20 mA
DC Input Impedance	< 62 ohm
Range	0 to 100% or as required
Display	3 digit, ½" red
LED Modes	Auto / Manual selectable by toggle switch
Output	4 to 20 mA
DC Output Load	600 ohm max
Output Adjustment	provided by a multi-turn pot provided on front in Manual Mode
Accuracy	< +/- 0.2% of FSD
Supply	230 V AC, 50 Hz (others on request)
Power Consumption	< 15 VA
Mounting	Flush on panel

**Dimensions****Cutout**

1) 138mm (H) X 68mm (W)

**Bezel**

144mm (H) X 72mm (W)

**Depth**

200mm

Terminals	suitable for 2.5 sq.mm conductors (screwed type)
Operating Temperature	0 to 50 deg C
Temperature Coefficient	0.015% / deg C
Humidity	90% maximum (non-condensing)

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Plus

## TECHNICAL SPECIFICATION OF AUTO/MANUAL STATION (MICROPROCESSOR BASED)

- Microcontroller based Fully Programmable
- Bumpless transfer.
- Separate Set Point Indication
- Field Calibration in Percentage or in Engineering Units
- Output Clamping Provided.
- Input Failure Detection
- Password protected parameters

Instrument	Auto / manual Loader
Input 1) Control Input	4 to 20 mA. DC
Input 2) Process Variable	4 to 20 mA DC (optional)
Control Output	4 to 20 mA DC (ISOLATED)
Range	Individually Programmable from front key-pad for both inputs
Display 1 )	4 digit, 0.3" for Control Input/ Output
Display 2)	4 digit, 0.3" for Process Variable (optional)
Modes	Auto / Manual selectable from key pad
Input Resistance	250 ohm
Output Load	600 ohm maximum
Accuracy	Better than $\pm 0.25\%$ FSD, $\pm 1$ digit
Operating Temp.	0 to 50 Deg. C.
Temp. Coefficient	0.015% / Deg. C. typically
Humidity	90% max. non condensing
Power Supply	230V AC, 50Hz (others on request)
Mounting	Flush On Panel

**Cutout**

1) 138mm (H) X 68mm (W)

**Bezel**

144mm (H) X 72mm (W)

**Depth**

200mm

1  
