Bargraph Indicators
Series : µCS 2002

ISO 9001:2000

SALIENT FEATURES

- Microcontroller Based fully programmable
- Graphical / Digital Process parameter indication
- Single / Dual Channel
- Universal input
- Digital readout provided
- Two set-points per channel
- Isolated retransmission output
- Built-in Auto Manual operation

The Series µCS 2002 Bargraph Indicators are microcontroller based instruments designed to display two process parameters in the form of a bargraph and also in any engineering units. Each channel has two independent set-points and relay contacts. The instrument is fully programmable from front splash proof key pad

TECHNICAL SPECIFICATIONS

Input	: 1) 4 to 20 mA DC, 0 to 20 mA DC (Input Impedance < 200 ohm)	
	2) 1 to 5 V DC, 0 to 5 V DC (Input Impedance > 2K ohm)	
	3) RTD, PT-100, 3 wire	
	4) Thermocouples (J,K,R,S,T,E,N,B) (Input Impedance > 1M ohm)	
Range	: Calibrated as per requirement from front key pad	
Display	: 1) 51 segment LED bargraph X 2 nos	
	: 2) 4 digit, 0.3" red LED X 1no.Or 2 nos for digital read-out	
Set-points	: two nos programmable for each channel (optional)	
Output Relays	: 2 relays per channel, 1 NO + 1 NC per relay, rated at 230 V AC, 5 A resistive load	
Retransmission Output	: 4 to 20 mA X 2 nos (optional)	
Communication Port	: RS 232 or RS 485 with MODBUS RTU Protocol (optional)	
Programming	: All parameters programmable by splash proof front key pad	
Accuracy	: < +/- 0.2% of FSD	
Supply	: 230 V AC, 50 Hz (others on request)	
Mounting	: Flush on panel	
Dimensions	: Cutout	Bezel
	1) 138mm(H) X 68mm(W)	1) 144mm(H) X 72mm(W)
	2) 92mm X 92mm	2) 96mm X 96mm
Depth	: 250mm	
Operating Temperature	: 0 to 50 deg C	
Temperature Coefficient	: 0.015% / deg C	
Humidity	: 90% maximum (non-condensing)	