



SALIENT FEATURES :

- 📄 Microcontroller Based Fully Programmable
- 📄 Universal Input
- 📄 Available with large display sizes
- 📄 Upto two programmable set-points
- 📄 Isolated Retransmission
- 📄 Built-in two-wire transmitter supply
- 📄 Field Calibration from front key pad
- 📄 Built-in square root extraction
- 📄 Suitable for mounting in hazardous area
- 📄 Serial Port RS 485 with MODBUS RTU protocol

The CS 2000 series Digital Process Indicators are precision instruments used for display of Linear / Non linear process parameters. The same unit can be configured at site to accept inputs from two-wire, three-wire or four-wire transmitters or temperature sensors. The thermocouples and RTD's are linearised. Two programmable set-points and isolated retransmission output is also provided.

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 type, K type (others on request) (Input Impedance > 1M ohm)
Range	: Calibrated as per customers requirement from front key pad
Linearization	: Provided through software
Display	: 4 digit, 1/2" red LED (1" display optional)
Set-points	: 2 nos programmable from front key pad
Output Relays	: 1 NO + 1 NC per set-point, rated at 230 V AC, 5 A resistive load
Transmitter Supply	: 24 V DC, 30 mA
Retransmission Output	: 4 to 20 mA (Isolated) in 600 ohm load (max), any other on request
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	: Field, wall, surface / 2" pipe
Dimensions	: 250mm(H) X 140mm(W) X 110mm(D)
Operating Temperature	: 0 to 50 deg C
Temperature Coefficient	: 0.015% / deg C
Humidity	: 90% maximum (non-condensing)

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