Process Scanners / Data Loggers

Series : CS 7000

SALIENT FEATURES

- **Eight and Sixteen Channel Versions**
- **Universal Input (any channel can be configured for any input and range)**
- **Serial Port RS 232 or RS 485 (multi-dropping) port with MODBUS RTU Protocol**
- **Direct Printer port can be provided**
- **Time Stamped Data Logging of 1000 readings**
- **Eight relay outputs fully user configurable**
- **Two user configurable analog outouts**
- **16X2 Alphanumeric Backlit LCD for displaying engineering units, tag nos and alarm status and for user freindly configuration of the scanner**

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/PT-1000, 3 wire 4) Thermocouples (J,K,R,S,T,E,N,B) (Input Impedance > 1M ohm)
Range	: Calibrated as per customers requirement from front key pad
Display	: 1) 4 digit, ½" red LED for Process Value : 2) 2 digit, ½" red LED for Channel Number : 3) 16X2 backlit alphanumeric LCD for engg unit, tag nos and alarm status
Modes	: Auto / Manual
Display Update Time	: Programmable from 2 sec to 30 sec
Set-points	: Two nos programmable for each channel (optional)
Output Relays	: 8 relays, 1 NO + 1 NC per relay common for all channels, rated at 230 V AC, 5 A resistive load
Alarm Indication	: Provided by individual LED's on front
Communication Port	: RS 232 or RS 485 with MODBUS RTU Protocol (optional)
Printer Port	: provided for 80 column dot matrix printer (optional)
Data Logger	: can store upto 1000 readings
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: 1) 186mm(H) X 92mm(W) Bezel: 1) 192mm(H) X 96mm(W)
Depth	: 300 mm
Operating Temperature	: 0 to 50 deg C
Temperature Coefficient	: 0.015% / deg C
Humidity	: 90% maximum (non-condensing)

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