Process Scanners
Series : CS 7000

nishko

SALIENT FEATURES

- **Serial Port RS 232 or RS 485 (multi-dropping) port with MODBUS RTU Protocol**
- **Channel Skip Facility provided**
- **All programming from splash proof key pad provided on front**
- **Individual set-points programmable for each channel**

The CS 7000 series Process Scanners are designed to accept eight or sixteen inputs and display the process value against channel number. Each channel can be individually configured for input, calibration, ranges and set-points. Individual LED's are provided on front to indicate the alarm status of each channel. Optional communication port can be provided to hook up with a PC or DCS.

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 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
Modes	: Auto / Manual
Display Update Time	: Programmable from 2 sec to 30 sec
Set-points	: Two nos programmable for each channel (optional)
Output Relays	: 4 relays, 1 NO + 1 NC per relay common for all channels, rated at 230 V AC, 5 A resistive load. Two individual relays per channel can be provided in separate relay box optionally
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)
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(H) X 92mm(W) 2) 96mm(H) X 96mm(W) (only for 8 channels)
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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