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Cert. No. QMS0720020347

MODEL 4CTS 4 CHANNEL 4-20mA Input SCANNER DISPLAY ALARMS & RS485

THE INSTRUMENT

Model 4CTS is a unique instrument which accepts upto four, 4-20mA signals from three wire transmitters or sensors. It allows scaling of the display from a large variety of ranges and resolutions as permitted by the 4 digit LED display. It displays a scaled parameter reading and channel number and units. It provides two alarms and one Fault alarm with corresponding relay contacts. A Tower Lamp can be connected for area annunciation visibility of status. Sensors are user provided.

FEATURES

- Channel , Parameter Value, Units, Alarm Status sequentially scanned & displayed
- 4 Key easy operation for all settings
- Accepts a 4-20mA input signal
- 24VDC 0.25mA to each channel
- Wall mounted ABS Enclosure with transparent door.
- Modbus (RTU) for communication.
- User settable Alarms for threshold, Activation point , Delay, Hysteresis, and Fail –safe mode , Latching/ auto-reset
- Fault alarm can be configured for failsafe
- User can calibrate or scale input as well as output current.
- Confidence flash provided
- External Acknowledge facility provided,

APPLICATIONS

Used to connect to any 4-20mA two or three wire industry standard transmitter for providing Display of Parameter Values and also provide full Alarm indication and potential free relay contacts. Either NO-C or NC- C user selectable

STANDARD SPECIFICATIONS

Channels : Upto four
 Display : 4 digit LED 10mm high
 Ranges : 0-2 , 0-5, 0-10, 0-20, 0-25,
 0- 0 - 50, 0 -100, 0 - 200,
 0 - 500, 0 - 1000, 0 - 1500,
 0 - 1000, 0 – 2000.
 Resolution : No DP, 000.0, 00.00, 0.000
 Linearity : +0.5 %
 Power : 110 to 220VAC 50 Hz 1 A

MAKE PARAMETER VALUE DISPLAY OF MULTIPLE BLIND TRANSMITTERS ALONG WITH ALARM FUNCTIONS SIMPLE AND ECONOMICAL



TECHNOVATION® MODEL 4CTS

STANDARD SPECIFICATIONS CONTINUED

Power Supply : 24 VDC to transmitter
 Current out : Maximum 250mA per sensor
 Input Load : 100 Ohms resistance
 Alarm : Two visual alarms, user settable throughout the range
 Alarm Relay : One C-NO OR C-NC contact of 50VA rating provided for each set-point
 Working Temp : 0 to 45°C
 MOC : ABS with transparent cover
 Size : 160 x 160 x 130 mm deep
 Weight : 800 gms
 IP rating : IP54
 Communication : For connection to RS485 Modbus RTU PLC /SCADA
 Tower lamp : 3 lights (Red , Yellow & Green) and buzzer.