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TECHNOVATION ANALYTICAL INSTRUMENTS PVT. LTD.

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Cert. No. QMS0720020347

MODEL 16CTS 16 CHANNEL 4-20mA SINKING SCANNER DISPLAY ALARMS & RS485

THE INSTRUMENT

Model 16CTS is a unique instrument which monitors upto sixteen 4-20mA signals of two / three wire transmitters . 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 is 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
- Monitors a 4-20mA signal
- 24VDC 200mA to each channel
- Wall mounted MS sheet metal enclosure with transparent window.
- RS485 Modbus (RTU) protocol for communication.
- User settable Alarms for threshold, Activation point , Delay, Hysteresis, and Fail safe mode , Latching/ auto-reset
- 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 current sinking 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 Sixteen
 Display : 4 digit RED LEDs 45mm 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
 Power Supply : 24 VDC to transmitter
 Current out : Maximum 200mA per channel

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



TECHNOVATION[®] MODEL 16CTS

STANDARD SPECIFICATIONS CONTINUED

Ground : Common ground in panel.
 Alarms : 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 plastic enclosure. Wall mounted
 Size O/A : 280 x 280 x 130 mm deep
 Weight : 2.5 Kg
 IP rating : IP54
 Comm. Port : RS485 Modbus RTU For connection to PLC /SCADA
 Tower lamp : 3 lights (Red , Yellow & Green) and buzzer.