Process Controller Model CT-SV8

Features

- Large 4 Digit 0.8" 7 Segment LEDs for Process Value. Separate 0.36" Green Display for Set Value
- PT100 (RTD) sensor & 5 types of common thermocouples with Auto cold junction compensation
- Input for 4-20mA / 0-20mA / 1-5V / 0-5V/ 0-10V from Tx for Pressure, Humidity, pH, Temperature etc.
- Display user programmable from -1999 to 9999
- Decimal user settable
- Heater logic relay and Cooler Logic SSR outputs
- 4-20mA isolated re-transmission output
- Hysterisis for set limits user settable
- Offset separately programmed from front
- Excitation voltage for loop Tx. Sourced

Specifications

- Display : 4 Digit 0.8" Red 7 Segment LED display for Process Value
  4 Digit 0.36" Green 7 Segment LED display for Set Value
- Inputs : Linear (Universal from Tx)
  0-20mA, 4-20mA, 0-5V, 1-5V & 0-10V
  Non-linear (temperature sensors)
  T/C – R,T,J,K,N and 3 Wire PT100
- Output : Isolated 4-20mA re-transmission output for all inputs
- Accuracy : ±0.25% of SPAN ± 1 Count
- Resolution : Settable 0.001 to 9999 for linear inputs
  1degC for thermocouples, 0.1degC for PT100
- Control : 2 Set of Control Limits
  Set-1 heater logic & Set-2 cooler logic
  5 Amps/220V AC Relay Output for Set 1. SSR 12V DC output for Set 2
  Hysterisis settable
- Exciter Voltage : 24V @ 30mA for loop Tx
- Power : 220V AC ± 15% @ 50/60 Hz
- Ambient : 0-55˚C
- Humidity : Up to 90% (non-condensing)
- Power Consumption: 10VA
- Case : 48 x 96 x 85 mm Plastic ABS
- Front Fascia : 48 x 96 mm
- Panel Cutout : 43 x 91 mm

Manufactured By:

COUNTRONICS
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