

Techtrol Controller Counter and Totaliser - TCCT



Introduction & Working :

Techtrol Controller Counter and Totaliser 'TCCT' is an advanced and sophisticated micro controller based fully programmable, multifunction Counter cum Totaliser unit. It can be used in conjunction with Float Operated Guided Level Switch to display the No of counts, Totalised volume and Hour meter. It can also generate alarms for totalized count and volume, as well as High to Low or Low to High lap time & float stuck alarm. It operates on an triggered pulse input signal from Float operated Level switch. 'TCCT' comes with password protection for all configurable data.

Salient Features :

1. Volume calculation using volume calculation factor.
2. Relay o/p 2 nos, independently configurable on alarm or Set-Reset
3. Large font, 2 line x 16 characteristics dot matrix backlit LCD display.
4. Password protection
5. Enclosure, IP-65 or Ex-P Gr IIB

Specifications :

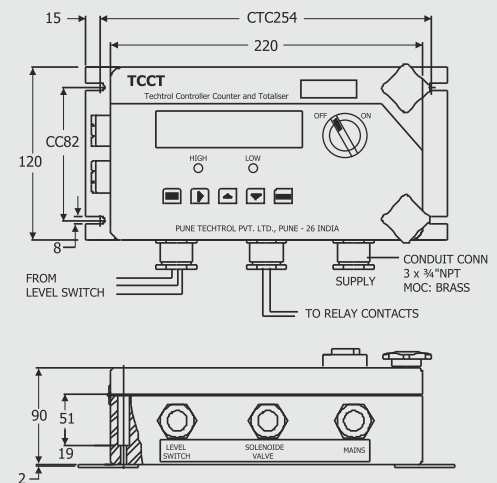
Display	: 2 line x 16 character dot-matrix backlit LCD display, 10mm ht, 2 Red LED's for alarm status.
View Parameter	: Volume in Liters / Kilotiters /M ³ Total lap time in xx Hrs & xx minutes Cycle count, stuck alarm.
Circuitry	: Micro controller based
Input	: Pulse from level switch
Relays	: 2 nos, Relay rating : SPDTx 5A, 230 VAC, Independently Configurable on alarms, Set-Reset (1no potential free, 1no live)
Interface	: 7 digit security code, 5 push button keys
Protection	: Optical isolation for I/p & O/p using MOV
General	: Power supply : 110 or 230 VAC, 50-60 Hz
Amb Temp.	: 70°C
Amb Humidity	: 95% Rh, non condensing
Power	: 3VA
Enclosure	: Wall Mtg Glass Polyester Protection - WP IP-65 Size - 220 x 120 x 90mm height Ex-proof Gr IIB (option)

Application :

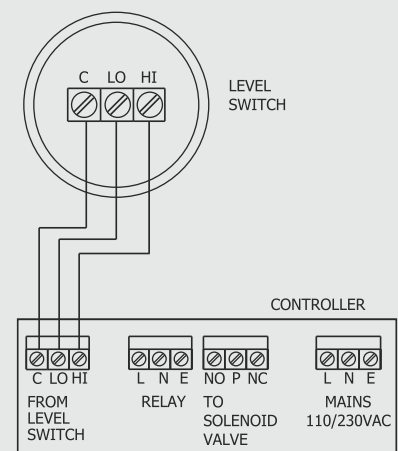
Typical for Steam operated pumps for condensate or Boiler feed water tank Batch volume consumption meter.



Schematic Drawing :



Termination :



*All dimensions in mm except specified

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Custom built specs./options available on demand.

We reserve the right to modify design and specifications without prior notice.



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