

# Techtrol Controller Counter and Totaliser 'TCCT'



SINCE 1984

## 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 Hi to Low or Low to Hi 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.

## Features :

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

## Specifications:

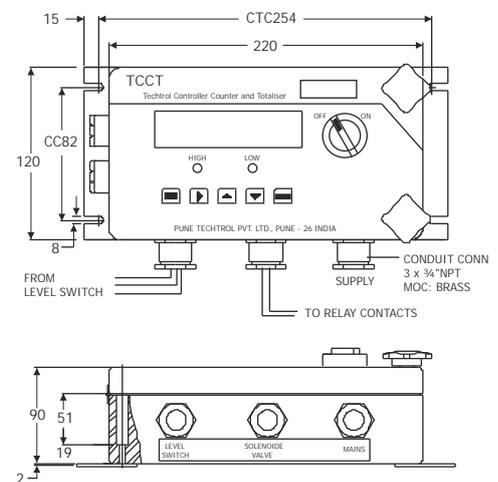
Display	: 2 line x 16 character dot-matrix backlit LCD display, 10mm ht, 2 Red LED's for alarm status.
View Parameter	: Volume in Liters / Kiloliters /M <sup>3</sup> Total lap time in xx Hrs & xx minutes Cycle count, stuck alarm.
Circuitry	: Micro controller based
Input	: Pulse from level switch
Relays	: 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 Input & Output using MOV
General	: Power supply : 110 or 230 VAC, 50-60 Hz Amb temperature : 70°C Amb humidity : 95% Rh, non condensing., Power consumption : 3VA
Enclosure	: Wall mtg Glass polyster, Protection : w. proof IP-65 Size : 220 x 120 x 90mm height Ex proof Gr IIA & IIB (option)

## Application :

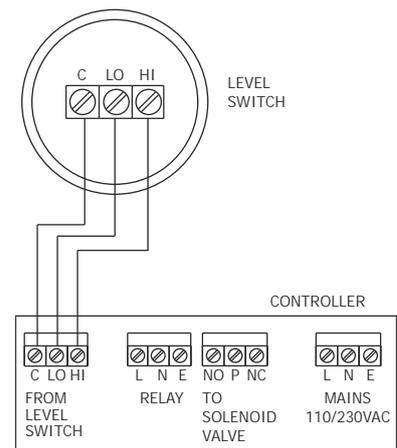
Typical for Steam operated pumps for condensate or Boiler feed water tank Batch volume consumption meter.



## Installation



## Termination



## PUNE TECHTROL PVT LTD

S-18, MIDC, Bhosari, Pune : 411026 India

+91-20-66342900, 27121052

66342998

ho@punetechtrol.com

www.punetechtrol.com



R A T E D

NSIC-CRISIL SE-1A

AREA REPRESENTATIVE :

All dimensions in mm, except specified.