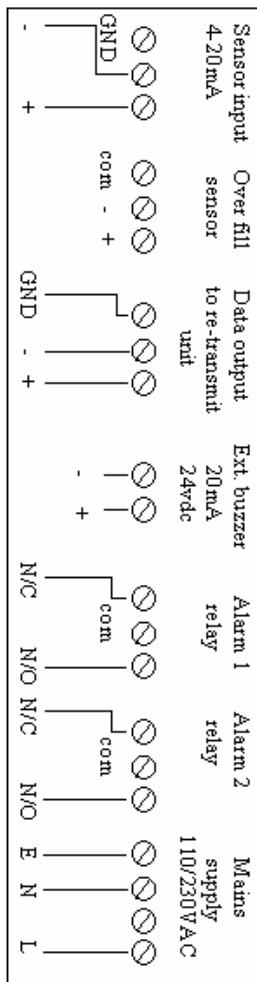


ELECTRICAL CONNECTIONS



Installation, Operating and Maintenance Instructions

28DCI

LIQUID LEVEL INDICATOR CONTROLLER



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Operation

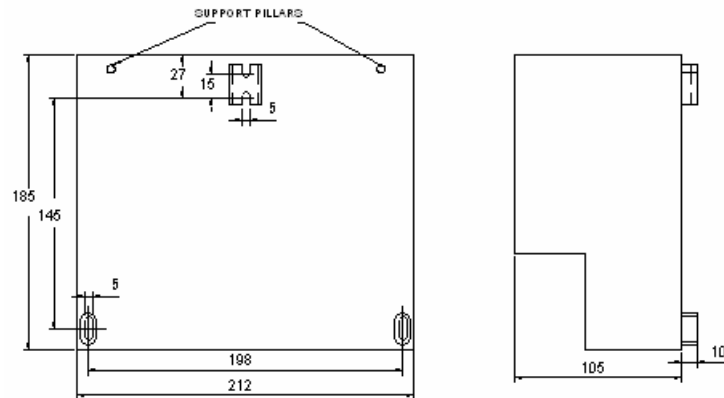
The 28DCI level control indicator is pre-programmed with 200 fixed points of level. This is to accommodate various types of tank, from vertical tanks to horizontal cylindrical tanks.

Volume is measured in units shown on front panel.

Note!

Alarms are set to percentage of level in tank, not volume.

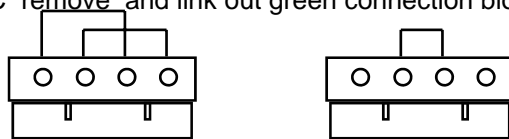
To cancel Alarm, press MUTE button, alarm light stays lit.



MOUNTING DETAILS

Electrical

Unit is factory set for **230VAC**. Or as customer request.
For 110VAC remove and link out green connection block as below:



Voltage change procedure

1. Unit should be ISOLATED from supply.
2. Remove screws & lift out display panel.
3. Unplug Green terminal plug from right-hand side.
4. Alter connections as fig 1.

Transmitter

Suitable transmission cable for connecting Transmitter and re-transmit unit to Level Unit is 2 core screened 7/0.2

Screen - Connect one end to GND in display unit, but DO NOT CONNECT other end at Transmitter.

Installation and Setup

1. Mount Unit to a secure surface.
2. Connect Supply to terminals shown in Fig 1.
(CHECK SUPPLY VOLTAGE – SEE ABOVE)
3. Connect Transmitter to terminals shown in Fig 1.
4. Fit plug to Transmitter (where applicable).
5. Switch on supply - LCD reads level at Transmitter position.
6. Level Alarms 1 & 2 are factory set - L=20%, H=80%, (unless requested different)
7. To adjust Level Alarms - Press and hold **SELECT** button for 1 sec., release, the display will show '1LXX P' where 1L is alarm 1 LOW and XX is the present set point level in % (P = Percent).

DISPLAY

Press select for alarm 1 LOW

1LXX P

Press select for alarm 1 HIGH

1HXX P

Press select for alarm 2 LOW

2LXX P

Press select for alarm 2 HIGH

2HXX P

Press select to go back to normal display

If any alarm setting is 00 then it is deactivated

8. Use **ADJUST** button to set new Level Alarm point. If you pass desired point, continue to press button.