Automatic Pump Controller

Operatinng Procedure :

Auto / Manual Function:

In Auto mode, the unit switches-On/Off automatically when it receives Low-Level or High-Level input signals.

In Manual mode, the unit doesn't control any more. The operator can switches-On/Off externally, if option is available.

Auto / Manual Selection:

Keep pressed Auto/Manual key for around 3 seconds till LED indication changes from AUTO to MANUAL mode or from MANUAL to AUTO mode.

Pump-Up / Pump-Down Function:

In Pump-UP mode, the unit switches-On the pump when it receives Low-Level input signal and switches-OFF when it receives High-Level input signal.

In Pump-DOWN mode, the unit switches-On the pump when it receives High-Level input signal and switches-OFF when it receives Low-Level input signal.

Pump-Up or Pump-Down Selection:

Keep pressed Auto/Manual key & ACK key (Simultaneously) for around 3 seconds till LED indication changes from Pump-Up to Pump-Down mode or from Pump-Down to Pump-Up.

Technical specifications:

Supply Voltage	: 95 - 280V AC, 50Hz.
Power Consumption	: 3VA.

Inputs:
High High Level - Magnetic float switch input (Close on Rising Level).
High Level - Magnetic float switch input (Close on Rising level).
Low Level - Magnetic float switch input (Close on Falling level).
Low Low Level - Magnetic float switch input (Close on Falling level).

PU/PD Mode Selection : Pump_UP/Pump-DOWN Mode is selectable

Outputs:

Pump Relay NO Contact : Potential free 1NO Rated 10Amps@ 250V AC.
Pump-UP-Mode : Closes when the liquid level falls below Low level and Opens when the liquid level reaches at or above high level.
Pump-DOWN-Mode : Closes when the liquid level reaches at or above HIGH level and Opens when the liquid level falls below LOW level.

Alarm Relay NO Contact: Potential free 1NO Rated 10Amps@ 250V AC.
Closing when the liquid level goes above High High level or liquid level falls below Low Low level and Opens when the Liquid level Normal conditionor by Alarm ACK button provided on front panel.

Connection Details:

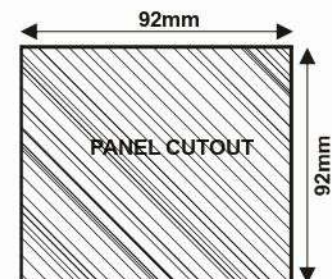|	
A1 - A2	: Mains Supply Voltage.
COM	: Sensor common.
HH	: HIGH-HIGH Level Input.
H	: HIGH Level Input
L	: LOW Level Input.
LL	: LOW-LOW Level Input.

Magnetic Float Switch Inputs

P3 - P4 : Pump Relay NO Contact.
AL - AL : Alarm Relay NO Contact.

92mm

PANEL CUTOUT

92mm