

LEVEL INDICATOR WITH RELAY OUTPUT



DFC-4U-2W

Application

This DFC-4U-2W Series Level Controller gets signal from each point of the sensor installed in the tank and displays the level of the liquid in the tank as points.

Using a converter for 2-wire transmission, this changes contact signal to current.

LED display enables you to read the current status correctly and easily. This is designed to control two alarms and one of control which activates the connected pump.

In the mode of drainage, if it does not stop at the HIGH set-point, HIGH alarm turns on.

If it does not stop at the LOW set-point, LOW alarm turns on.

- L.E.D Display.
- 2-Wire (Current Loop)
- 2ea Alarm, 1ea Buzzer, 1ea Control.

Technical Data

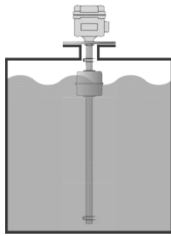
• Indicate	: L.E.D Lamp
• Power Supply	: AC110V / 220V \pm 10%, 50/60Hz
• Operating Temperature	: 0°C ~ 60°C
• Dimension	: 87mm (Wide) , 155mm (High) , 69mm (Deep)
• Max. Switching Current Capacitor	: 1250VA, 150W
• Max. Switching Voltage	: 250VAC, 30VDC
• Max. Switching Current	: 5A
• Material	: Polycarbonate & A.B.S

Display Operation



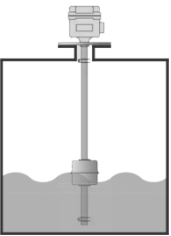
Low Level Display

When the liquid level goes Down to reach the Low/A point, the LOW/A indicator turns on. At the same time, the LOW/A contact signal activates the connected buzzer and pump.



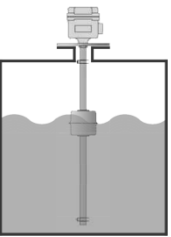
High Level Display

When the liquid level goes Down to reach the HIGH/A point, the HIGH/A indicator turns on. At the same time, the HIGH/A contact signal activates the connected buzzer and pump.



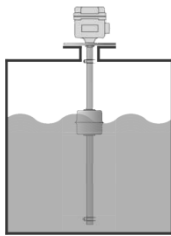
Supply Control "On" Level Display

When the liquid level goes Down to reach the START point, the START indicator turns on. At the same time, the START contact signal activates the connected pump.



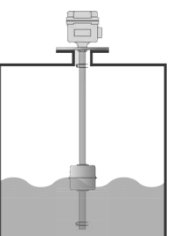
Supply Control "Off" Level Display

When the liquid level goes Down to reach the STOP point, the STOP indicator turns on. At the same time, the CONTROL contact signal is not out and deactivates the connected pump.



Drain Control "On" Level Display

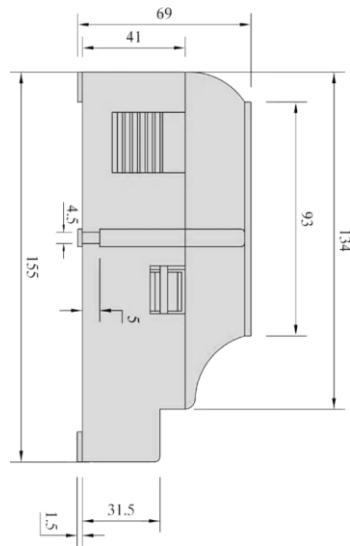
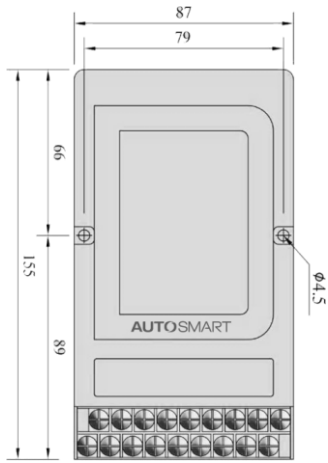
When the liquid level goes Up to reach the START point, the START indicator turns on. At the same time, the START contact signal activates the connected pump.



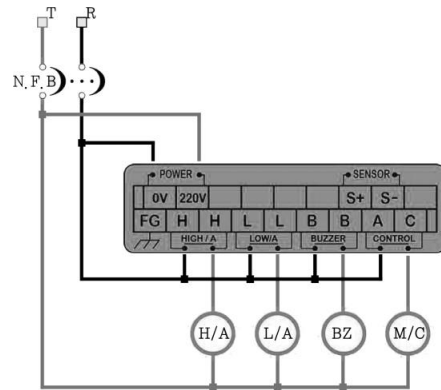
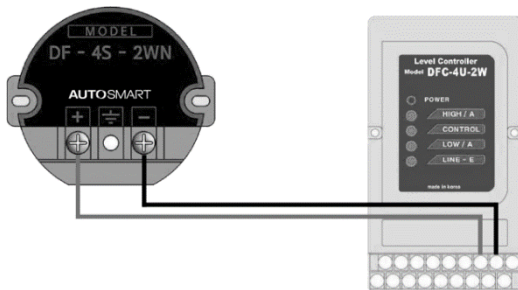
Drain Control "Off" Level Display

When the liquid level goes Down to reach the STOP point, the STOP indicator turns on. At the same time, the CONTROL contact signal is not out and deactivates the connected pump.

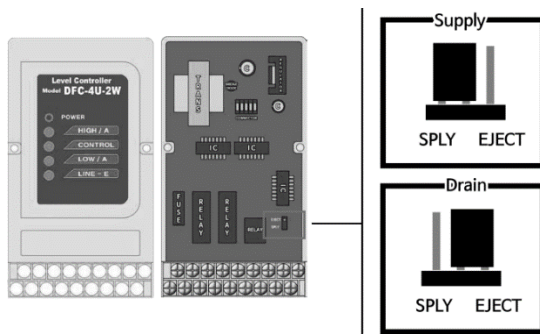
Shape Dimension



Wiring Diagram



Terminal - Features & description



Supply / Drain Selection