

DAEHAN SENSOR



Digital Liquid Indicate
with level controller

DLC – Series
Level Indicator with Relay Output

Product Name
DLC – 4P



ISO 9001 인증업체

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Introduction

This DLC-4P 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.

LED display enables you to read the current status correctly and easily.

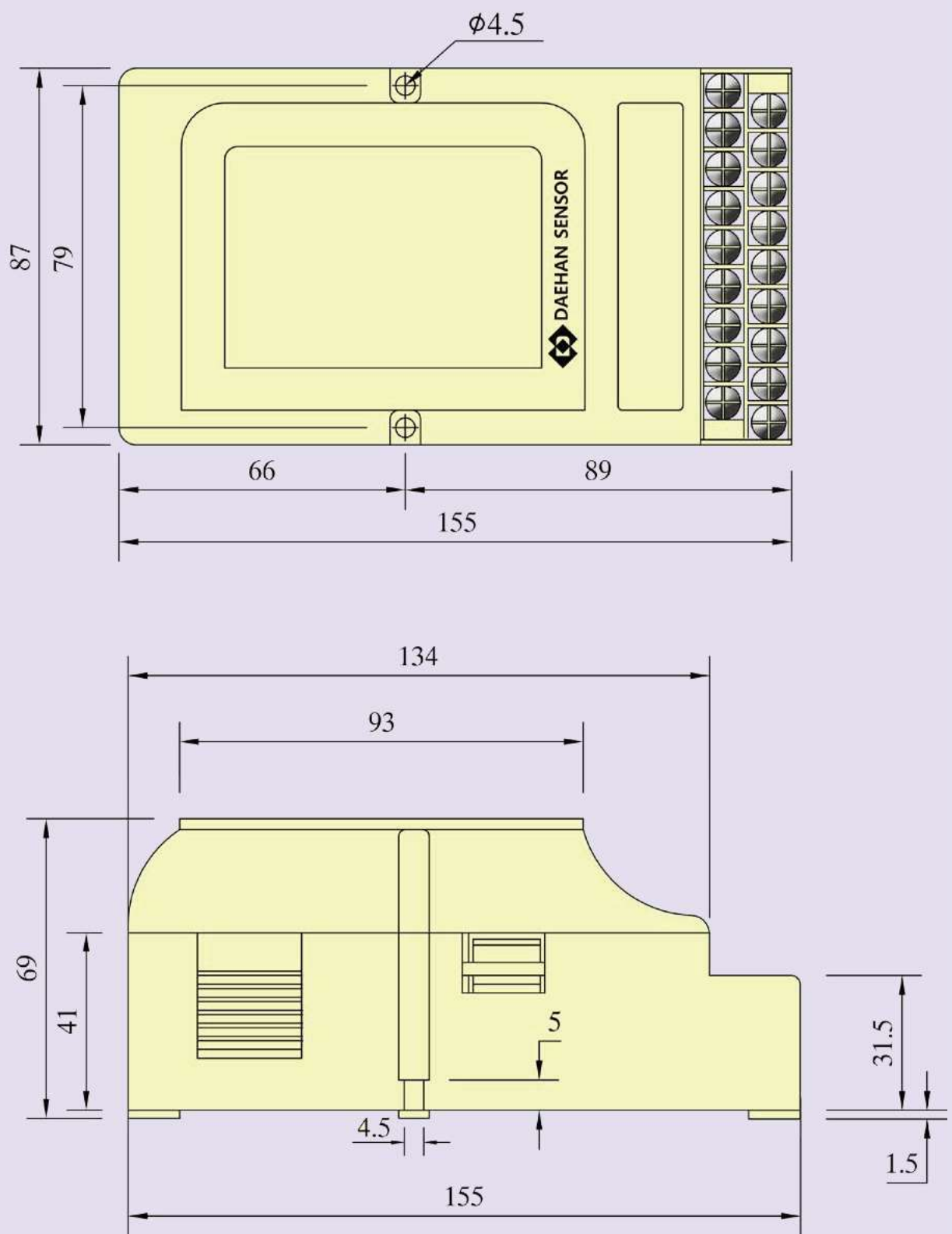
This is designed to control 4 pumps.

The control mode is individual one which operates Point1, Point2, Point3, Point4 regardless of being up and down.

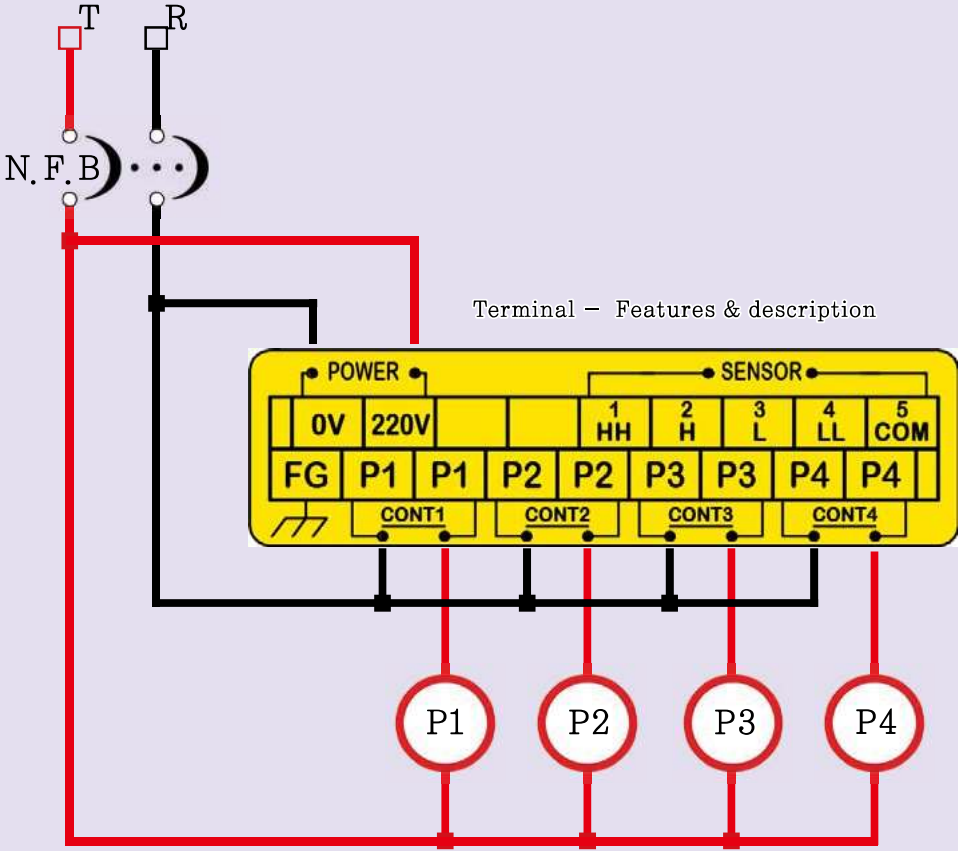
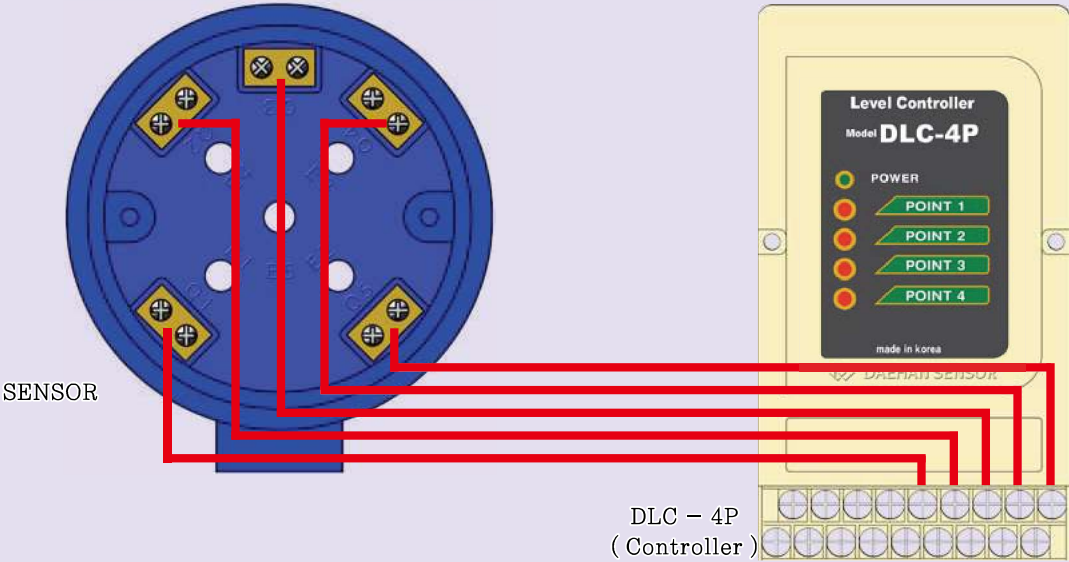
Specification

- ▶ Power Supply ----- AC110V / 220V ±10%, 50/60Hz
- ▶ Operating Temperature ----- 0°C ~ 60°C
- ▶ Dimensions ----- 87mm (Wide) x 155mm (High) x 69mm (Deep)
- ▶ Material ----- Polycarbonate & A.B.S
- ▶ Max. Switching Current Capacitor ----- 1250VA, 150W
- ▶ Max. Switching Volatge ----- 250VDC, 30VDC
- ▶ Max. Switching Current ----- 5A

Dimensions



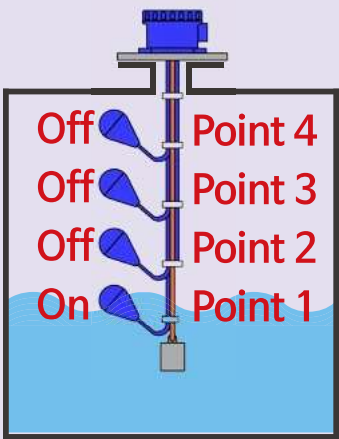
Wiring Connection



Display Operation

This is designed to control 4 pumps.

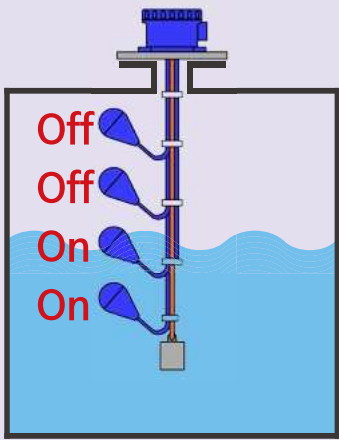
1. POINT "1" Control Level Display



When the liquid level goes Up to reach the POINT1 point, the Point1 indicator turns on. At the same time, the Point1 contact signal activates the connected pump. When the liquid level goes Down to reach the POINT1 point, the Point1 indicator turns off. At the same time, the Point1 contact signal is not out and deactivates the connected pump.



2. POINT "2" Control Level Display



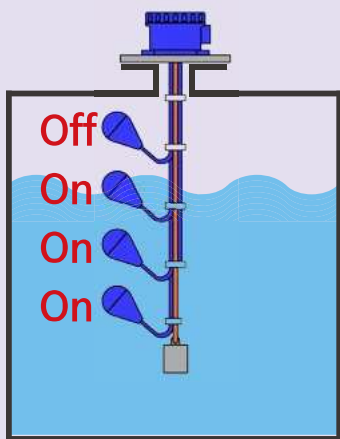
When the liquid level goes Up to reach the POINT2 point, the Point2 indicator turns on. At the same time, the Point1 contact signal activates the connected pump. When the liquid level goes Down to reach the POINT2 point, the Point2 indicator turns off. At the same time, the Point2 contact signal is not out and deactivates the connected pump.



Display Operation

This is designed to control 4 pumps.

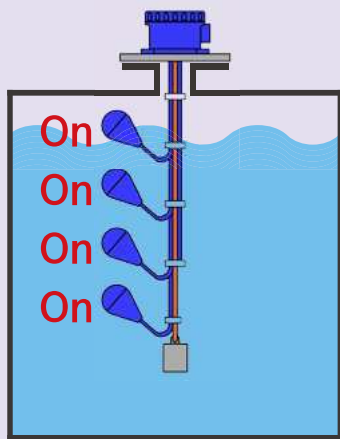
3. POINT "3" Control Level Display



When the liquid level goes Up to reach the POINT3 point, the Point3 indicator turns on. At the same time, the Point3 contact signal activates the connected pump. When the liquid level goes Down to reach the POINT3 point, the Point3 indicator turns off. At the same time, the Point3 contact signal is not out and deactivates the connected pump.



4. POINT "4" Control Level Display



When the liquid level goes Up to reach the POINT4 point, the Point4 indicator turns on. At the same time, the Point4 contact signal activates the connected pump. When the liquid level goes Down to reach the POINT4 point, the Point4 indicator turns off. At the same time, the Point4 contact signal is not out and deactivates the connected pump.



Check & A/S

If you find any abnormal system during operation, please try to check below points.

1. Is the power connected to AC110V or AC220V correctly?
2. Is the wiring to the sensor made correctly?
3. Is the contact with the relay built up through correct sequence?
4. Is the current input from the sensor correct?
5. Is there any malfunction around the unit?

If the trouble still exists, please kindly contact below.

* Installation and operation manual is subject to change without prior notice for quality improvement.

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