

# Float Level Transmitter DT - Series

## APPLICATION

Providing electric voltage of DC 24V to the sensor, it makes output of 4~20mA current which is converted by resistors in the sensor. The continuous fluctuation of the current is caused by the up-and-down movement of the float which has permanent magnet in it. Finally, the current output is transmitted to the controller.

It is widely used sensor for liquid level indication, control and alarm. It can be used for special purpose chemicals tanks treated with P.V.C and P.T.F.E(P.V.D.F) lining. When connected with the controller, you can control as many motors and valves as you want.

## FEATURES

- Most widely used level meter.
- Current( 4~20mA ) Output.
- Selectable materials to suit your environment.
- Use for control and alarm

## SPECIFICATIONS

Supply Voltage	DC 24V
Current Consumption	Max. 22mA
Measuring Range	Max. 6M
Signal Output	DC 4~20mA
Enclosure Rating	IP65
Electrical Connection	1/2 Inch PF
Material	HEAD : Aluminum / ABS / Nylon Stem : Order Spec. Flange(Socket) : Order Spec. Float : Order Spec.

### DT - 200

- Application : for Liquid
- Stem Material : Stainless Steel
- Process Temperature : Max. 60 °C
- Process Pressure : Max. 7Kgf/cm<sup>2</sup>



### DT - 300

- Application : for Chemical
- Stem Material : P.V.C
- Process Temperature : A.M.B
- Process Pressure : A.T.M



### DT - 600

- Application : for Chemical
- Stem Material : P.T.F.E
- Process Temperature : A.M.B
- Process Pressure : A.T.M



### DT - 400

- Application : for High-temperature
- Stem Material : Stainless Steel
- Process Temperature : Max. 120 °C
- Process Pressure : Max. 30Kgf/cm<sup>2</sup>



### DT - 500

- Application : Explosion-proof
- Stem Material : Stainless Steel
- Ambient Temperature : Max. 60 °C
- Process Temperature : Max. 110 °C
- Process Pressure : Max. 20Kgf/cm<sup>2</sup>

