DAEHAN SENSOR

Gear Type Level Transmitter with Level Sensor

DLT – Series

Only Local Indicator

Product Name

DLT – 1100

INNOBIZ

ISO 9001 인증업체

Table of Contents

Media : Only Liquid

Temperature : 0℃ ~ 70℃

Pressure : A.T.M

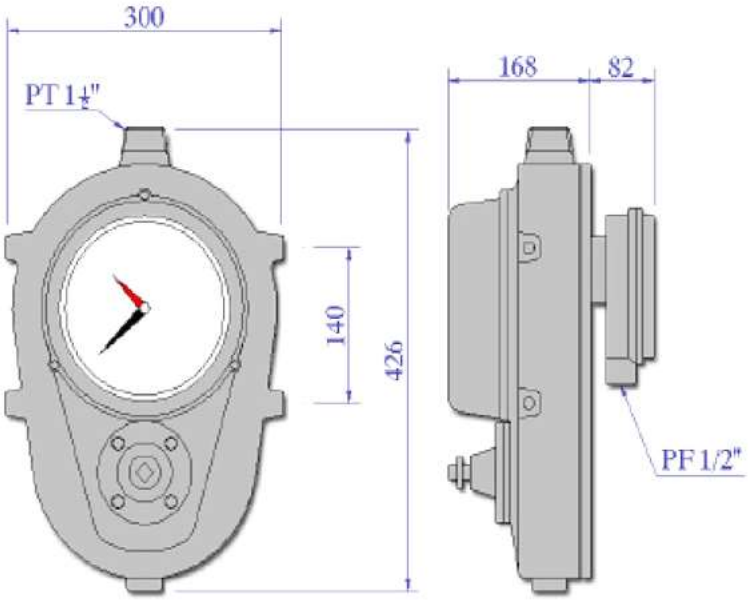
Material : Head Housing – Aluminum

Socket – Aluminum

Flange – SUS304
(Option– SUS316)

Float – SUS304
(Option– SUS316)

Wire – SUS316



Introduction

As the liquid level increases, the float in the tank rises up.

While the wire connected to the float is being wound, the gauge shows the level of the content in the tank.

Features

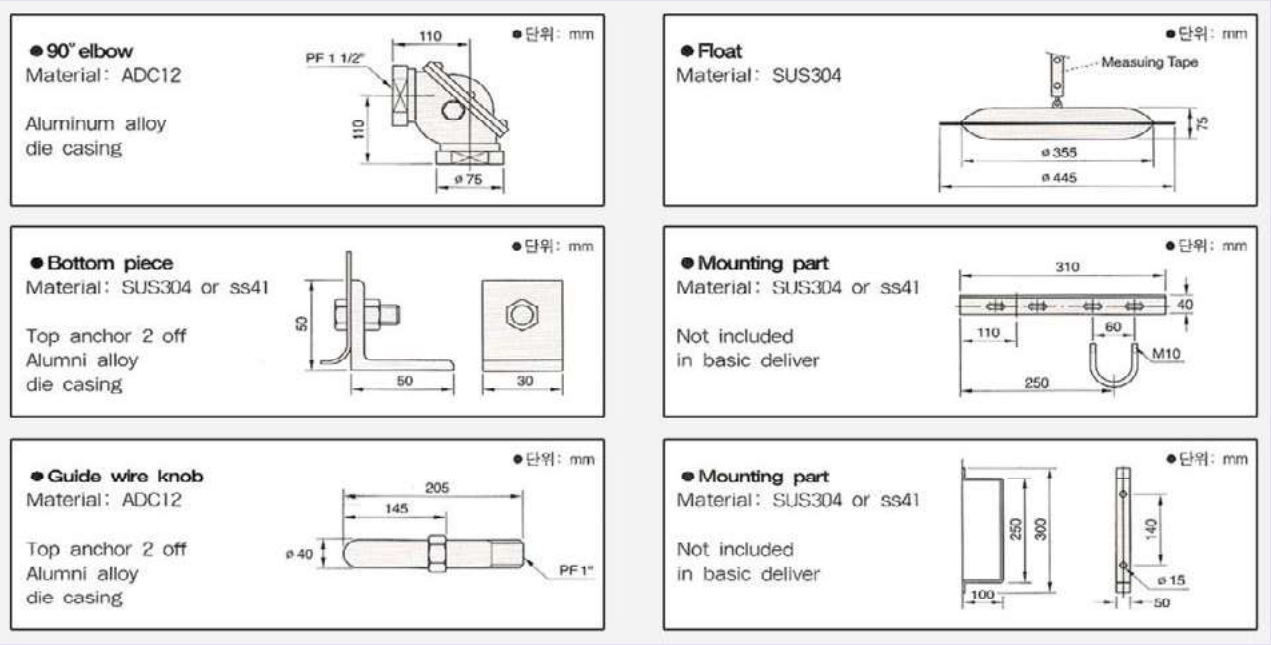
Because it can be installed easily, it can be applied to all the existing equipments or tanks of any type.

This product is generally used for liquid level control, and alarming with simple installation.

It is able to use for water, purified water, and fuel tank.

Installation

Accessories



Installation

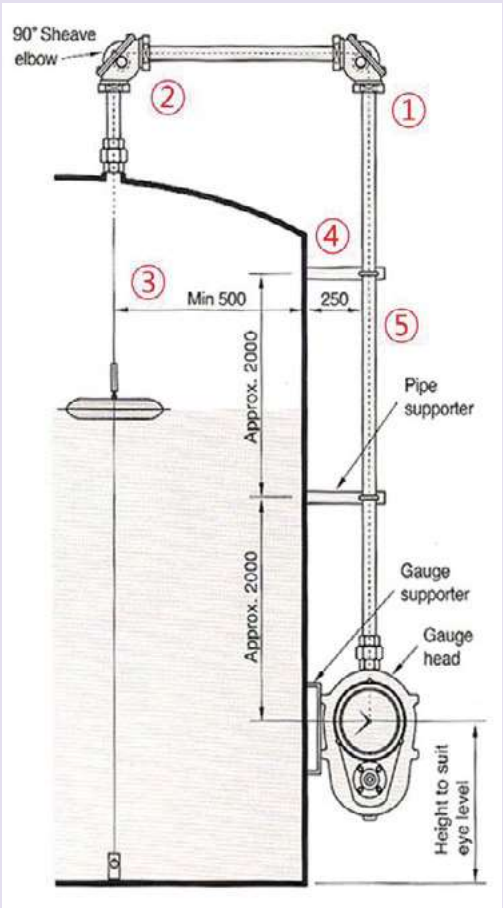
1. As shown in the picture, center of 90° elbow should keep vertical position to the center of DLT Sensor body.

2. As shown in the picture, center of 90° elbow should keep vertical position to the center of DLT Sensor float.

3. It should keep distance of minimum 500mm between Sensing–tape and inside wall of the tank.

4. It should keep distance of 250mm between Sensing tape pipe and outside wall of the tank.

5. Pipe should be vertical without bending. In case of using connected pipes, check if thre is any obstacle or crack.



Installation

1. Installation of the guide wire knob goes as following.

2-1. After dissembling the cap of the knob, disconnect the wire holder, and pull the guide wire.

2-2. Loosen the nut assembled to the wire holder, insert the guide wire into the hole.

2-3. As shown in the picture, after inserting the wire holder into the nipple, pull the wire while holding down with foot. (This process follows the bottom anchor installation.)

2-4. Tighten the wire holder nut, then the tension of the guide wire maintains by the wire holder spring.

3. As shown in the picture, the distance between guide wire should keep within 40+/-5mm.

4. Bottom anchor installation goes as shown in the picture. After connecting the guide wire to fix bolt, keeping the taut tension of the wire by assembling the nut, cut the wire with argin of 5cm ~ 10cm.

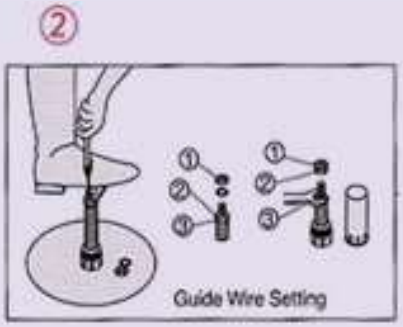
5. Installation of the float goes as following.

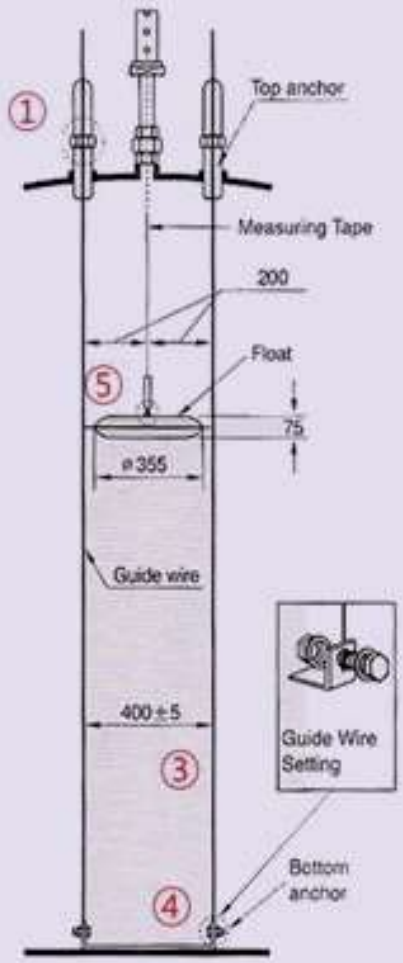
6-1. Connet the sensing tape to the bolt of the joint clamp of float.

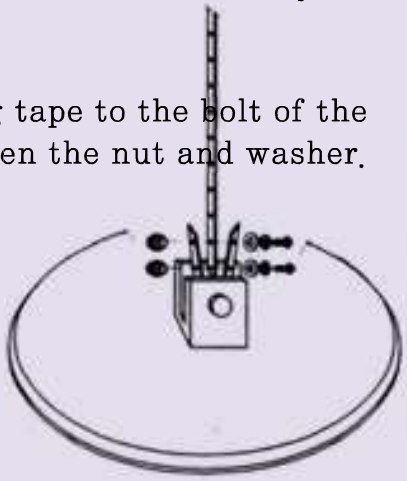
6-2. After fixing the sensing tape to the bolt of the joint clamp, firmly tighten the nut and washer.

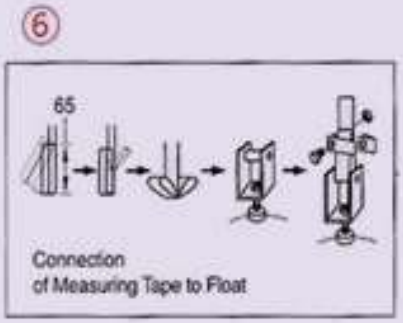
6-3. Keep the guide wire vertically installed.

6-4. Be cautious to keep the sensing tape not to be twisted or kinked.

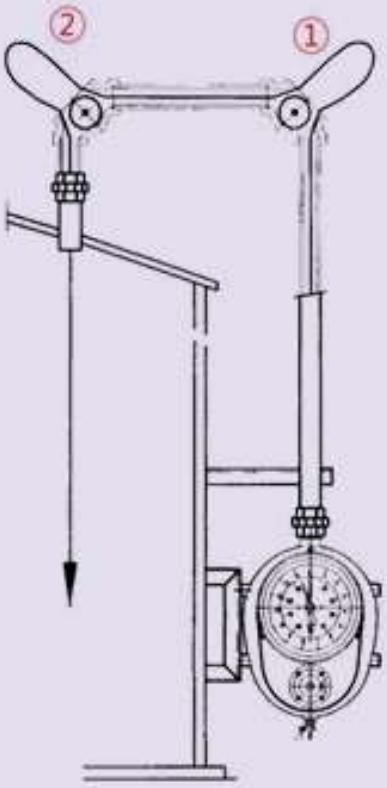








Installation



1. When installing a sensing tape, open the 90 elbow cap and check if the tape is not kinked or twisted.

2. Try to move the sensing tape carefully. Check the smooth movement of the float inside the tank, and the normal movement of the indicator of the DLT Sensor.

3. Once the check is complete, close the cap of the 90 elbow, assemble them with tight sealing, to avoid entering of rainwater or any other liquid into the cap.

Check & A/S

Check the state of sensor, float and gear.

The state of sensor, float, tape, wire (inside and outside) is normal?

Check if water or liquid exists inside of the sensor housing.

The state of tape is normal? Is there any bending or break?

The state of float guide wire is normal?

Head Office
94-2, Yongdap-dong, Seongdong-gu, Seoul, Korea

R&D Office
2-71, Jeonong-dong, Dongdaemun-gu, Seoul, Korea

Tel : 02-2213-9888(代) Fax : 02-2245-3482
e.mail : master@dh34.com Domain : www.dh34.com