

# ST- 600

## Float Type Level Transmitter

### Features

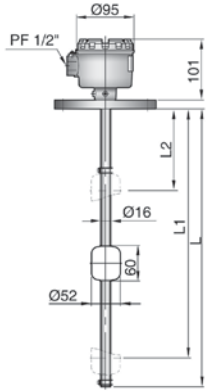
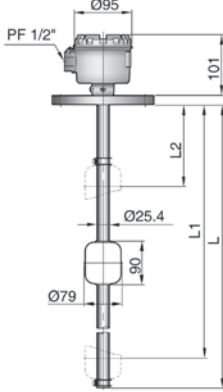
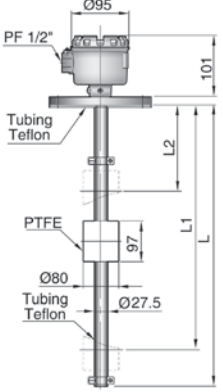
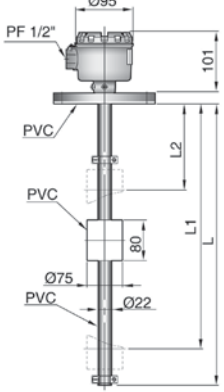
- Municipal Water, Industrial Water, LPG Tank, Chemical Tank ...
- Easy installation and wide application.
- Applicable to chemical liquid with coating on stem, such as PVC, PTFE, etc.

### Principle

Reed switches which are built in the sensor are operated by the magnet float which moves up and down on the stem according to the material level.

At this time, resistance value from the resistors which are connected side by side with reed switches is changed between R1, and R10 according to the location of operating reed switch and this output value is transmitted to convertor and it is changed to mA by the convertor and transmitted to control unit to be indicated.

### Overall Dimensions

Explosion Proof / General Weather Proof				
	304SS	316SS	PTFE	PVC

■ Special Float : 2" - 316SS (Ø52 x H60mm) & PVC(Ø50x H80mm) with JIS 10K 50A FF Flange

### Specifications

#### ► Level Transmitter

Description		Type	304SS	316SS	PVC	PTFE
Power Supply			15 ~ 32V DC			
Output Signal			4 ~ 20mA DC			
Temperature	Electronics		-20 ~ +60°C			
	Probe		-20 ~ +150°C		-20 ~ +60°C	-20 ~ +150°C
Operating Pressure			10kgf/cm²		2Kgf/cm²	
Calibration			Zero and Span Calibrated			
Accuracy			10mm(Less Than 1.2m) / 20mm(Excess Than 1.2m)			
Specific Gravity			0.65 Min.		0.5 Min.	0.75 Min.
Enclosure			Weather Proof, Explosion Proof (Ex d IIC T6, IP65)			