

Multi Function Sensor_ [TDS + Turbidity]



■ FEATURE

- Read the Measure the degree of turbidity of water using an optical sensor.
- Change in resistance value of both electrodes to measure the TDS
- Measure the turbidity and TDS of water with a single sensor

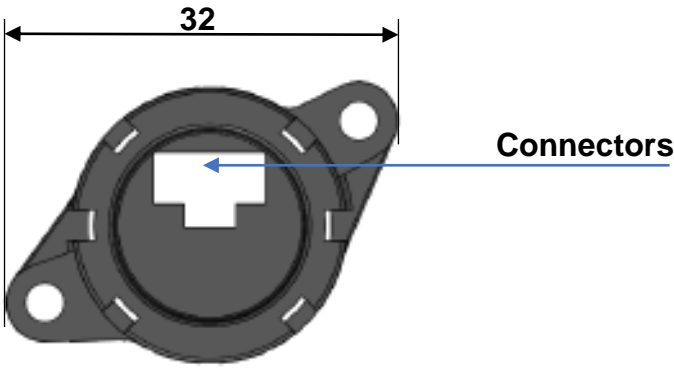
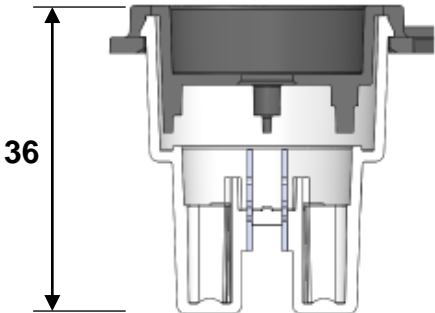
■ APPLICATIONS

- Water purifiers, washing machines, Dishwashers, etc.
- Detect water quality by applying it to various water-using products

■ ELECTRICAL DATA

Rating Voltage	DC 5V
Operation Temperature Range	-10℃~80℃
Temperature Correction Range	-30℃~80℃
Characteristics	The votage should be below 4.5V measured in clean water, ONTU at DC 5V. Also another voltage is measured in mixed liquid by water and Milk, 1,000NTU.
	In result $\Delta V(1.000NTU-0NTU)$ should be in range of 1.0V to 1.6V.

■ DIMENSION [unit:mm]



■ **Module Spec**

NO	Article	Specification
1	Operating (rated) voltage	DC5V ±0.2V
2	TDS Low density	100ppm ± 30ppm
3	TDS High density	1,300ppm ± 100ppm
4	Turbidity Low density	0 NTU ±70NTU
5	Turbidity Middle density	1,000 NTU ±100NTU
6	Turbidity High density	3,000NTU +300 -500NTU
7	Operating Temperature	5°C ~ 60°C
8	Operating Pressure	~ 6Kgf/㎠
9	Operating Temperature Range	0°C ~ 85°C
10	Storage Temperature Range	-25°C ~ 100°C

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