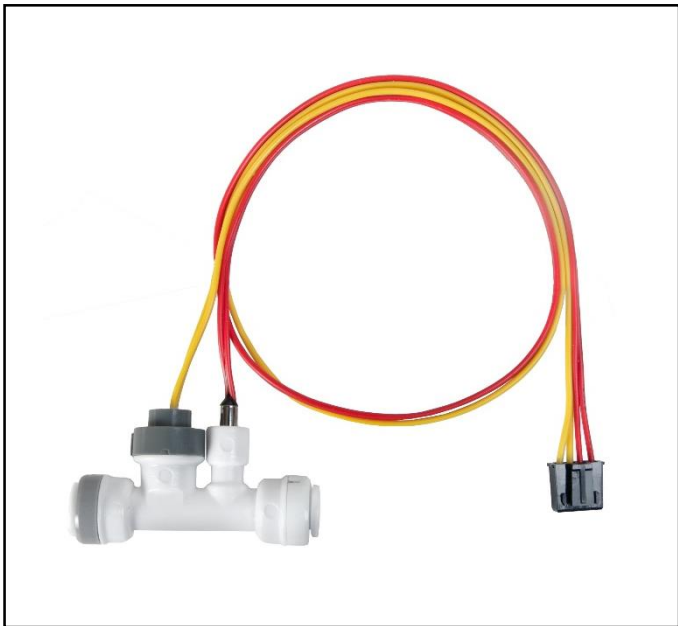


TDS SENSOR ASS'Y MODULE (TDS + Temperature sensor)



■ **FEATURE**

- TDS (Total dissolved solids)
- TDS sensor combined with temperature sensor
- Measure water quality in PPM units

■ **APPLICATIONS**

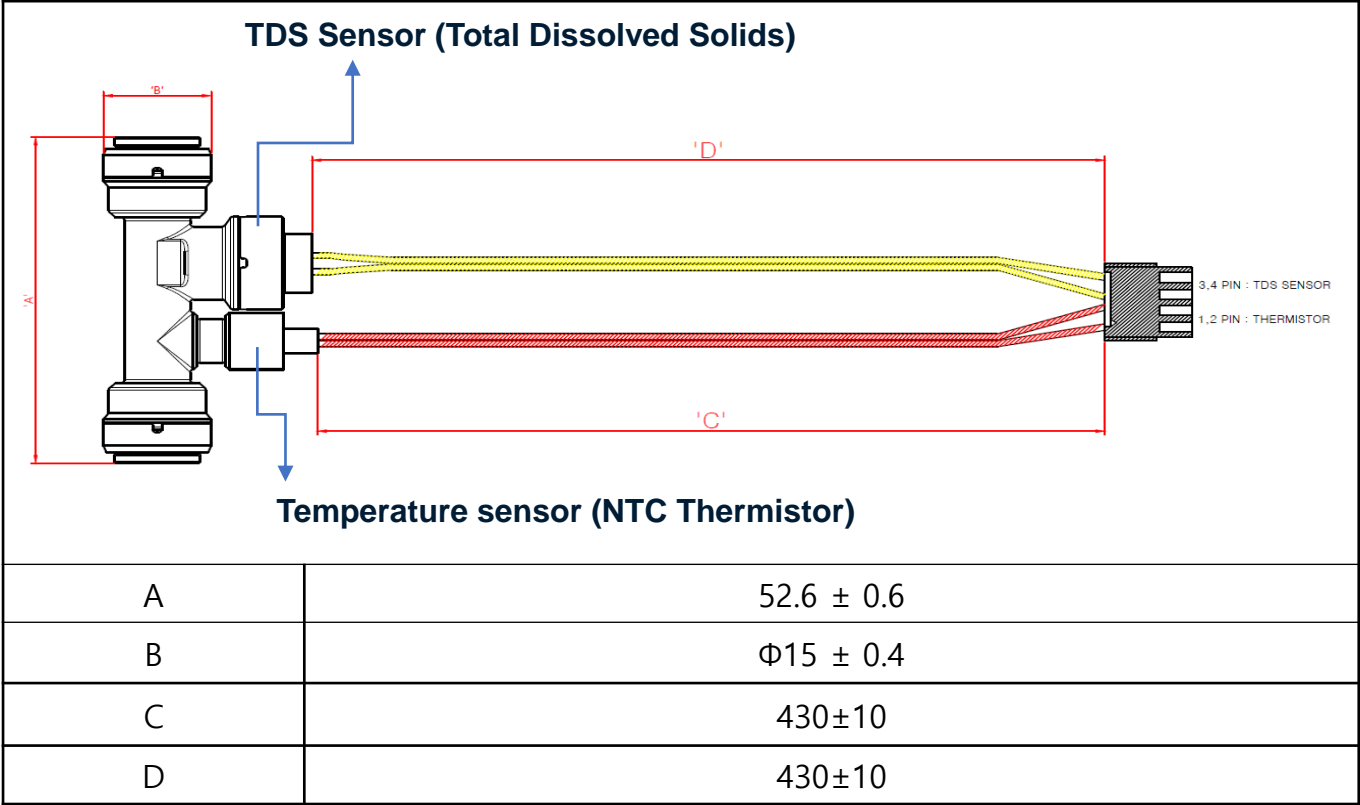
- Water Purifier, Humidifier, Air conditioner etc.

■ **ELECTRICAL DATA**

Resistance	$R(25^{\circ}\text{C}) = 10.74\text{k}\Omega \pm 2\%$
B constant	$B(0^{\circ}\text{C}/100^{\circ}\text{C}) = 3450\text{K} \pm 2\%$
Thermal time constant	τ = less than 3 seconds (The time required for the THERMISTOR to change 63.2% of the temperature difference when it is moved from 25°C water to 85°C stirred water)
Thermal dissipation constant	σ = approximately 4~4.5mW/°C (in still air)
Operating temperature range	-20 to +105°C
TDS measurement range	10 ~ 100ppm \pm 15%, (0 PPM~MAX 2000PPM)
TDS used fluid	WATER
TDS used fluid temperature	0°C ~ 45°C
TDS Allowable Ambient Temperature	0°C ~ 100°C

- TDS value can be corrected and used with a temperature sensor.

■ DIMENSION [unit:mm]



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