

## KWS-380 Digital TDS Sensor

### Feature

- For drinking water/surface water/various water supply/industrial water treatment.
- Signal output: RS-485 (Modbus/RTU protocol)
- It is convenient to connect to third-party equipment such as PLC, DCS, industrial control computer, general controller, paperless recording instrument or touch screen.
- Submerged installation, with 3/4NPT pipe thread, easy to submerged or installed in pipes and tanks.
- IP68 protection level.
- 0~20  $\mu$  S/cm, 0~200  $\mu$  S/cm, 0~5000  $\mu$  S/cm are optional.
- Can output conductivity and TDS at the same time.



### Technical Specifications

Model	KWS-380	
Measuring Range and Resolution	0~20 $\mu$ S/cm (TDS 0-10mg/L)	0.01
	0~200 $\mu$ S/cm (TDS 0-100mg/L)	0.1
	0~5000 $\mu$ S/cm (TDS 0-3000mg/L)	1
	0~200 mS/cm	0.1
Accuracy	$\pm 1.5\%$ , $\pm 0.3^{\circ}\text{C}$	
Storage Temperature	$-5\sim 65^{\circ}\text{C}$	
Ip Grade	IP68	
Working Temperature	$0\sim 50^{\circ}\text{C}$ , $< 0.6\text{MPa}$	
Output	RS-485, MODBUS protocol	
Power Supply	12~24VDC	
Temperature Compensation	Automatic (PT1000)	
Wetted Part Material	POM and stainless steel	
Cable Length	Standard 5m, other length customizable	
Calibration Method	Two-point calibration	
Power Consumption	0.2w@12V	