



## DDG-2080X Industrial Conductivity Meter



### Features

- 1) Measure temperature, conductivity, Resistivity, salinity and total dissolved solids(TDS).
- 2) The instrument can be panel, wall or pipe mounted.
- 3) The instrument provides two current outputs. The maximum load is 500 Ohm.
- 4) With 3 relays. It can pass through a maximum of 5 Amps at 250 VAC or 5 Amps at 30VDC.
- 5) Waste water treatment, environmental monitoring, pure water, sea farming, food production process, Sterilization, fermentation etc.

### Technical Parameters

Functions	EC	Resistivity	Salinity	TDS
Measuring range	0.00uS-2000mS	0.00-20.00 MΩ-CM	0.00-78.00 g/Kg	0-133000 ppm
Resolution	0.01/0.1/1	0.01	0.01	1
Accuracy	±1%F.S.	±1%F.S.	±1%F.S.	±1%F.S.
Temp. compensation	Pt 1000/NTC30K			
Temp. compensation range	-10.0 to +130.0°C			
Temp. Resolution and accuracy	0.1°C,±0.2°C			
Storage temp.	-20 to +70°C			
Display	Back light, dot matrix			
EC current output 1	Isolated, 4 to 20mA output , max. load 500Ω			
Temp. current output 2	Isolated, 4 to 20mA output , max. load 500Ω			
RS485	Mod bus RTU protocol			
Baud rate	9600/19200/38400			
Maximum relay contacts capacity	5A/250VAC,5A/30VDC			
Cleaning setting	ON: 1 to 1000 seconds, OFF: 0.1 to 1000.0 hours			
One multi function relay	clean/period alarm/error alarm			
Relay delay	0-120 seconds			
Data logging capacity	500,000			