

CON3000 Economical

Conductivity / TDS/ Salinity Controller / Transmitter



- Designed for precision conductivity / Resistivity / TDS / Salinity control at complex industrial sites
- or in harsh environment.
- NEMA4X, IP65 rated: waterproof and airproof.
- High protection against electromagnetic interference.
- Control modes: on / off limited control (LIT).
- Separately adjustable high and low set-points.
- Scaleable isolated 4 -20 mA Outputs.
- Large LCD,with high luminance LED backlight.

Specification

Conductivity	Range	0.000 μ S/cm-400.0 mS/cm
	Resolution	0.001 μ S/cm-0.1 mS/cm
	Accuracy	$\pm 0.5\%$ F.S.
	Cell Constant	K=0.01,0.1,1.0,10.0
	reference Temperature	15.0-25.0 $^{\circ}$ C
	Temperature Factor	0.00-4.00%
Salinity	Range	0.0-400.0 g/L
	Resolution	0.1 g/L
	Accuracy	$\pm 0.5\%$ F.S.
TDS	Range	0.000 ppm-400.0 ppt
	Resolution	0.001 ppm-0.1 ppt
	Accuracy	$\pm 0.5\%$ F.S.
	TDS Factor	0.40-1.0
Temperature	Range	-10.0-110.0 $^{\circ}$ C
	Resolution	0.1 $^{\circ}$ C
	Accuracy	$\pm 0.3\%$
	Temperature Sensor	Pt1000
Signal Output / load	Signal Output	4-20 mA(Adjustable)
	Current Accuracy	$\pm 1\%$ F.S.
	Load	< 500 Ω
Relay Output	On/Off	2 SPST Relays
	Output	2.5A
Others	Power	100-230 VAC
	Working Temperature	0-60 $^{\circ}$ C
	Humidity	< 85%
	Installation	Panel Mounting
	Dimensions	108(W) $\times$ 108(H) $\times$ 160(D) mm
	Panel Cut Size	94 $\times$ 94 mm
	Weight	0.5kg

CS3521 Conductivity sensor

Range: 0 - 30.0 mS/cm
 Cell constant: K=1.0 cm-1
 2-electrode Conductivity cell,
 Temp: -10 $^{\circ}$ C - 80 $^{\circ}$ C
 Pressure:0 - 8 bar

Temp sensor:Pt1000
 Length : 50 mm, Φ 12 mm
 Materials:SS316L, PTFE
 Thread:NPT 3/4", POM
 Cable:5 m

