

CON3000 Economical

Conductivity / TDS/ Salinity Controller / Transmitter



- Designed for precision conductivity / 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
Salinity	Temperature Factor	0.00-4.00%
	Range	0.0-400.0 g/L
	Resolution	0.1 g/L
TDS	Accuracy	\pm 0.5% F.S.
	Range	0.000 ppm-400.0 ppt
	Resolution	0.001 ppm-0.1 ppt
	Accuracy	\pm 0.5% F.S.
Temperature	TDS Factor	0.40-1.0
	Range	-10.0-110.0 $^{\circ}$ C
	Resolution	0.1 $^{\circ}$ C
	Accuracy	\pm 0.3 $^{\circ}$ C
Signal Output / load	Temperature Sensor	Pt1000
	Signal Output	4-20 mA(Adjustable)
	Current Accuracy	\pm 1% F.S.
Relay Output	Load	< 500 Ω
	On/Off	2 SPST Relays
Others	Output	2.5A
	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 Temp sensor:Pt1000
 Cell constant: K=1.0 cm⁻¹ Length : 50 mm, ϕ 13 mm
 2-electrode Conductivity cell, Graphite body
 Temp: -10 $^{\circ}$ C - 80 $^{\circ}$ C Thread:3/4",NPT 1/2", PG13.5 (optional)
 Pressure:0 - 8 bar Cable:5 m

