







Reliable process monitoring | Simple integration





Typical Applications: Desalination | Chemical Purity | Cooling Towers | Wastewater

### CONTACTING CONDUCTIVITY

	TRANSMITTERS		CONTROLLERS		
	CX10	CX105	CX20	CX2000 (RS)	CX3000
					
<b>PARAMETERS</b>	Conductivity, Resistivity	Conductivity, Resistivity, TDS	Conductivity, Resistivity	Conductivity, Resistivity	Conductivity, Resistivity, Salinity
<b>TEMPERATURE</b>	ATC -10 ...+120°C	ATC -20...+110°C	ATC -10...+120°C	ATC -30...+130°C	ATC -30...+200°C
<b>RANGES</b>	<b>4</b> (0...19.99mS)	<b>6</b> (0...500mS)	<b>4</b> (0...19.99mS)	<b>5</b> (0...200mS)	<b>6</b> (0...200mS)
<b>MAXIMUM RESOLUTION</b>	0.001uS/cm	1E-5 uS/cm	0.001uS/cm	0.01uS/cm	0.001uS/cm
<b>4-20mA OUTPUTS</b>	<b>1</b>	<b>1</b>		<b>2 (1)</b>	<b>2</b>
<b>MODBUS OUTPUTS</b>				<b>0 (1)</b>	
<b>ALARM/CONTROL RELAYS</b>		Open Collector System	✓	✓	✓
<b>WATER RESISTANT</b>		✓		✓	✓
<b>GRAPHICAL DISPLAY</b>				✓	
<b>PANEL MOUNT</b>	✓	✓	✓	✓	✓
<b>WALL MOUNT</b>		✓		✓	✓
<b>DIMENSIONS</b>	1/8 DIN: 3.78" (96 mm) x 1.89" (48 mm)	1/4 DIN: 3.78" (96 mm) x 3.78" (96 mm)	1/8 DIN: 3.78" (96 mm) x 1.89" (48 mm)	1/4 DIN: 3.78" (96 mm) x 3.78" (96 mm)	1/2 DIN: 5.7" (145 mm) x 5.7" (145 mm)
<b>DEPTH</b>	3.54" (90 mm)	3.0" (76 mm)	3.54" (90 mm)	5.20" (132 mm)	4.5" (114 mm)
<b>POWER</b>	100-240V AC	19-48V DC (Loop)	100-240V AC	100-240V AC	100-240V AC

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### TOROIDAL/INDUCTIVE CONDUCTIVITY TRANSMITTERS CONTROLLERS

	TCSMA	TCSTX	EX2000RS
			
<b>PARAMETERS</b>	Toroidal Conductivity	Toroidal Conductivity	Toroidal Conductivity, Resistivity, Salinity, % Concentration
<b>TEMPERATURE</b>	ATC -20...+60°C	ATC -20...+60°C	ATC -30...+200°C (PT-1000) ATC -30...+130°C (NTC-30K)
<b>RANGES</b>	<b>5</b> (0...2000mS)	<b>5</b> (0...2000mS)	<b>4</b> (0...2000mS)
<b>MAXIMUM RESOLUTION</b>	0.1uS/cm	0.1uS/cm	0.1uS/cm or 0.01%
<b>4-20mA OUTPUTS</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>MODBUS OUTPUTS</b>			<b>1</b>
<b>ALARM/CONTROL RELAYS</b>			✓
<b>WATER RESISTANT</b>	✓	✓	✓
<b>GRAPHICAL DISPLAY</b>	Blind		✓
<b>PANEL MOUNT</b>	✓	✓	✓
<b>WALL MOUNT</b>	✓	✓	✓
<b>DIMENSIONS</b>	4.4" (112 mm) x 4.4" (112 mm)	4.4" (112 mm) x 4.4" (112 mm)	1/4 DIN: 3.66" (93 mm) x 3.66" (93 mm)
<b>DEPTH</b>	3.5" (90 mm)	3.5" (90 mm)	5.2" (132 mm)
<b>POWER</b>	16-35V DC (Loop)	16-35V DC (Loop)	100-240V AC