









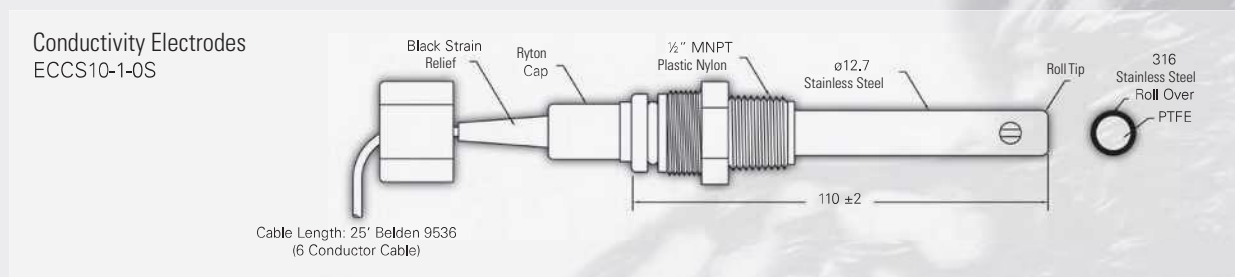
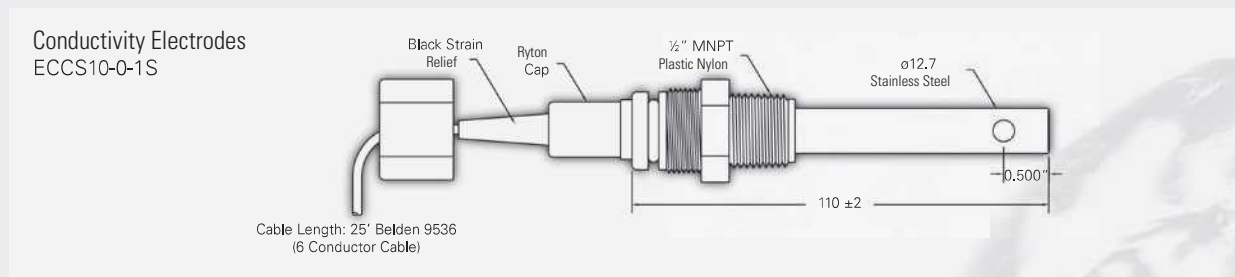
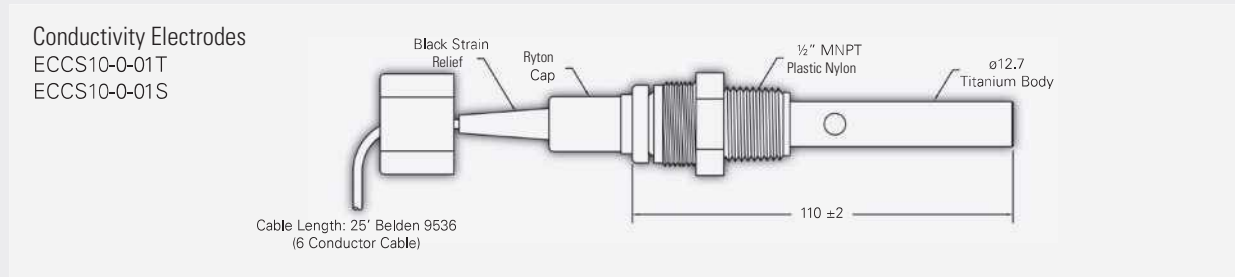
Conductivity Electrodes

Order Code	ECCS10-0-01T	ECCS10-0-01TS	ECCS10-0-01S	ECCS10-0-01SS	ECCS10-0-1S	ECCS10-0-1SSP	ECCS10-1-0S	ECCS10-1-0SSP
Part No.	93X219019	93X219054	93X219018	93X219053	93X219020	93X219055	93X219021	93X219056
Conductivity Electrodes								
Conductivity range	0.055 to 20 µS/cm				0.5 to 200 µS/cm		0.01 to 100 mS/cm	0.01 to 200 mS/cm
Cell constant, K	0.01, 2-cell				0.1, 2-cell		1.0, 2-cell	
Temperature sensor	Pt100, 3-wire							
Pressure rating at 25 °C	3.4 bar (50 psi)	5.5 bar (80 psi)	3.4 bar (50 psi)	5.5 bar (80 psi)	3.4 bar (50 psi)	6.8 bar (100 psi)	3.4 bar (50 psi)	6.8 bar (100 psi)
Operating temperature	-5 to 50 °C / 23 to 122 °F	-5 to 80 °C / 23 to 176 °F	-5 to 50 °C / 23 to 122 °F	-5 to 80 °C / 23 to 176 °F	-5 to 50 °C / 23 to 122 °F	-5 to 150 °C / 23 to 302 °F	-5 to 50 °C / 23 to 122 °F	-5 to 120 °C / 23 to 248 °F
Material	Titanium				SS316			
Fitting material	Nylon plastic	Stainless steel	Nylon plastic	Stainless steel	Nylon plastic	Stainless steel	Nylon plastic	Stainless steel
Thread	½" NPT							
Cable	Integrated 7.5 m (24.6 ft), 6-wire double-shielded, tinned ends							
Dimensions	Length							
	Diameter							
Weight	600 g	680 g	680 g	660 g	560 g	660 g	590 g	660 g

Electrode Selection Guide

Conductivity Electrodes	ECCS10-0-01T 93X219019	ECCS10-0-01TS 93X219054	ECCS10-0-01S 93X219018	ECCS10-0-01SS 93X219053	ECCS10-0-1S 93X219020	ECCS10-0-1SSP 93X219055	ECCS10-1-0S 93X219021	ECCS10-1-0SSP 93X219056
General Conductivity measurements	•	•	•	•	•	•	•	•
Low Conductivity measurements	•	•	•	•	•	•	•	•
Conductivity measurements with ATC	•	•	•	•	•	•	•	•
Conductivity measurements of ultrapure water	•	•						
Conductivity measurements of pure water			•	•				
Conductivity measurements of boiler water				•		•		
Conductivity measurements of power plant & condensate water					•	•	•	•

Line Diagram (All dimensions are in mm unless specified otherwise)



Ordering Information

Order Code	Part Number	Description
TSCONCTP1001	01X216017	Alpha COND 1000 panel-mount Conductivity controller/transmitter with 110 VAC setting. Incl. terminal blocks, gasket, threaded rods, catch, etc
TSCONCTP1002	01X216018	Alpha COND 1000 panel-mount Conductivity controller/transmitter with 220 VAC setting. Incl. terminal blocks, gasket, threaded rods, catch, etc
ECCS10-0-01T	93X219019	Conductivity/Resistivity electrode with Pt100, cell constant K=0.01, titanium with 25 ft tinned open-ended cable (with 1/2 inch nylon plastic cap threading)
ECCS10-0-01TS	93X219054	Conductivity/Resistivity electrode with Pt100, cell constant K=0.01, titanium with 25 ft tinned open-ended cable (with 1/2 inch stainless steel cap threading)
ECCS10-0-01S	93X219018	Conductivity/Resistivity electrode with Pt100, cell constant K=0.01, stainless steel with 25 ft tinned open-ended cable
ECCS10-0-01SS	93X219053	Conductivity/Resistivity electrode with Pt100, cell constant K=0.01, stainless steel with 25 ft tinned open-ended cable
ECCS10-0-1S	93X219020	Conductivity electrode with Pt100, cell constant K=0.1, stainless steel with 25 ft tinned open-ended cable (with 1/2 inch nylon plastic cap threading)
ECCS10-0-1SSP	93X219055	Conductivity electrode with Pt100, cell constant K=0.1, stainless steel with PEEK insert and 25 ft tinned open-ended cable (with 1/2 inch stainless steel cap threading)
ECCS10-1-0S	93X219021	Conductivity electrode with Pt100, cell constant K=1.0, stainless steel with 25 ft tinned open-ended cable (with 1/2 inch nylon plastic cap threading)
ECCS10-1-0SSP	93X219056	Conductivity electrode with Pt100, cell constant K=1.0, stainless steel with PEEK insert and 25 ft tinned open-ended cable (with 1/2 inch stainless steel cap threading)
ECAC021022	81X220803	CPVC electrode tee for Conductivity/Resistivity electrodes with 1/2" to 1" adapter