










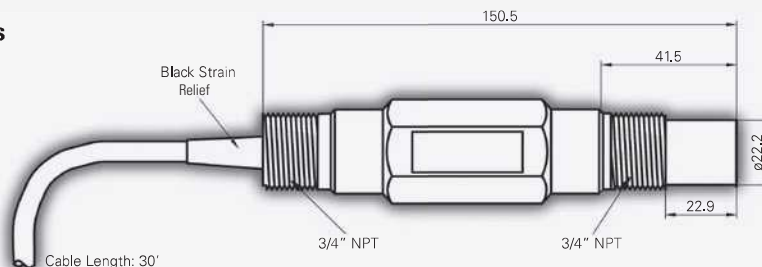
Conductivity Electrodes

Order Code		EC91346S	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.		93X219048	93X219019	93X219054	93X219018	93X219053	93X219020	93X219055	93X219021	93X219056
Conductivity Electrodes										
Conductivity range		Up to 500 mS/cm	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		0.3, 4-cell	0.01, 2-cell				0.1, 2-cell		1.0, 2-cell	
Temperature sensor		Pt100, 3-wire								
Pressure rating at 25 °C		6 bar (87 psi)	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 100 °C / 23 to 212 °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 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		Ryton®, SS316	Titanium			SS316				
Fitting material		—	Nylon plastic	Stainless steel	Nylon plastic	Stainless steel	Nylon plastic	Stainless steel	Nylon plastic	Stainless steel
Thread		¾" NPT	½" NPT							
Cable		Integrated 7.6 m (24.9 ft), 8-wire double-shielded, tinned ends	Integrated 7.5 m (24.6 ft), 6-wire double-shielded, tinned ends							
Dimensions	Length	150.5 mm (excludes cable)	168 mm (excludes cable)							
	Diameter	22.2 mm (external)	12.8 mm (external)							
Weight		430 g	600 g	680 g	680 g	660 g	560 g	660 g	590 g	660 g

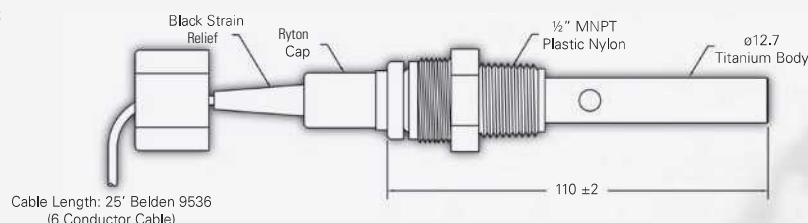
Electrode Selection Guide

Conductivity Electrodes	EC91346S 93X219048	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		•	•	•	•				
High Conductivity measurements (4-cell electrodes)	•								
Conductivity measurements with ATC	•	•	•	•	•	•	•	•	•
Conductivity measurements of ultrapure water		•	•						
Conductivity measurements of pure water				•	•				
Conductivity measurements of power plant & condensate water						•	•	•	•

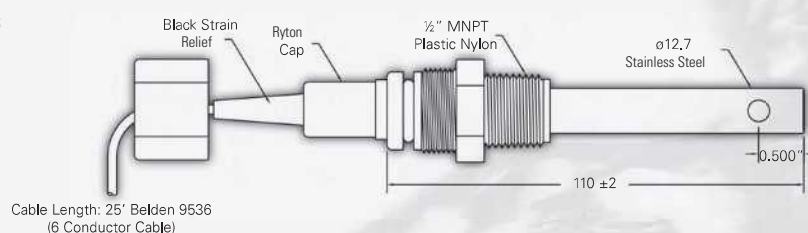
Conductivity Electrodes EC91346S



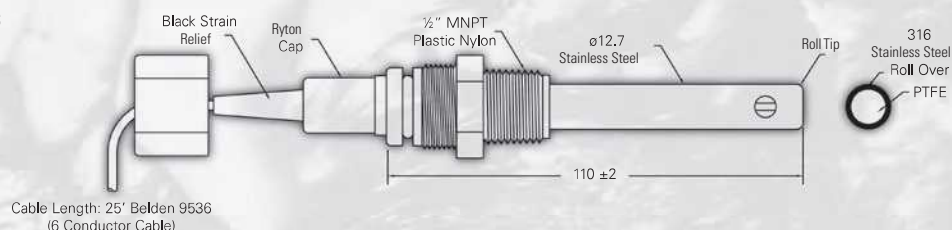
Conductivity Electrodes ECCS10-0-01T ECCS10-0-01S



Conductivity Electrodes ECCS10-0-1S



Conductivity Electrodes ECCS10-1-0S



Ordering Information

Order Code	Part Number	Description
TSCONCTP2000W	01X275376	Alpha COND 2000 wall-mount Conductivity controller/transmitter. Incl. terminal blocks, cable glands, gasket, etc
TSCONCTP2000P	01X275377	Alpha COND 2000 panel-mount Conductivity controller/transmitter. Incl. terminal blocks, gasket, threaded rods, catch, etc
EC91346S	93X219048	4-cell Conductivity electrode with 3-wire Pt100, 30 ft tinned open-ended cable
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
01X278701	01X278701	Panel mount kit for Alpha 2000 controllers/transmitters