



Sanitary Flange Mount, Stainless Steel Conductivity Sensors

Mechanical Installation

Mount electrodes in stainless steel sanitary tee (1.5" for CS615TC and 2" for CS620TC) as shown below. First, place seal provided with tee in groove on tee flange as shown. Next, seat electrode on top of seal so that seals raised edge sits in groove on underside of flange. Attach clamp around tee flange and electrode flange. Swing wing nut into slot in flange and tighten clockwise to seal.

NOTE: Always shut off flow when installing or removing electrodes.

Electrical Installation

Follow conductivity meter/controller manufacturer's instructions. Please note sensor wiring as follows:

Red: Conductivity

Black: Conductivity

Green and White: Temperature sensor

Specifications

Cell Constant Choices:	0.1, 1.0
Temperature Pressure Maximum:	121deg C**/100 psig
Wetted Materials:	Stainless Steel 316, Teflon, EPDM (internal o-rings)
Cable:	5 conductor PVC jacket Red, Blk = cond Wht, Grn = Temperature, Clear = shield
Temperature Sensor Choices:	Pt100 RTD, Pt1000 RTD, 10K NTC, 30K NTC or inquire for other choices
Notes:	1) 10K NTC and 30K NTC are rated to 70 degC maximum and cannot be used in steam sterilization cycles. 2) Mount sensor in side branch of #7MP Tri-Clover or equivalent tee.

