

CS8000TC (SENSOR ONLY)



Cell constant 0.1/cm shown

CS8300TC (PACKAGE)



Cell constant 1/cm shown

Digital Communication for More Process Visibility:

- Modbus and 4-20 mA output options now available
- Configuration and calibration can be done using web based software

Easy to Install and Maintain

- Keyed flange ensures probe is installed in seconds with proper orientation
- No tools or rewiring needed for replacing sensor via the use of the S855 cable assembly
- Only detergent and a soft-brush needed to effortlessly clean the sensor surface

Versatile Sensor for a Variety Applications

- Available in two cell constants: 0.1/cm and 1.0/cm
- Ideal for continuous monitoring in boiler, cooling tower and other process applications
- Choice of temperature compensation included (10K NTC, 30K NTC, Pt 100 and Pt 1000 RTD)

Specifications

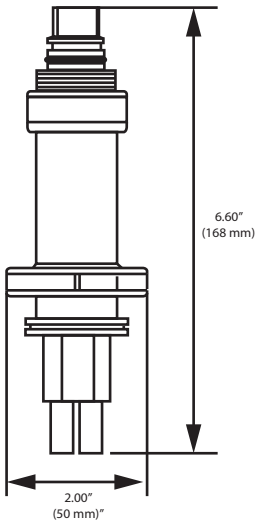
Cell Constant / Range	0.1 and 1.0 (+/- 10%)
Wetted Materials	CPVC, Graphite, Viton*
Max Temperature and Pressure	60°C (140°F), 100 psig
Temperature Compensation	Choice of 10K NTC, 30K NTC, Pt100 RTD, or PT1000 RTD

DESIGNED AND ASSEMBLED IN CALIFORNIA, USA

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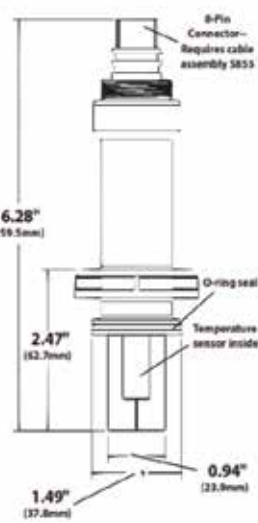
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CS8000TC sensor only



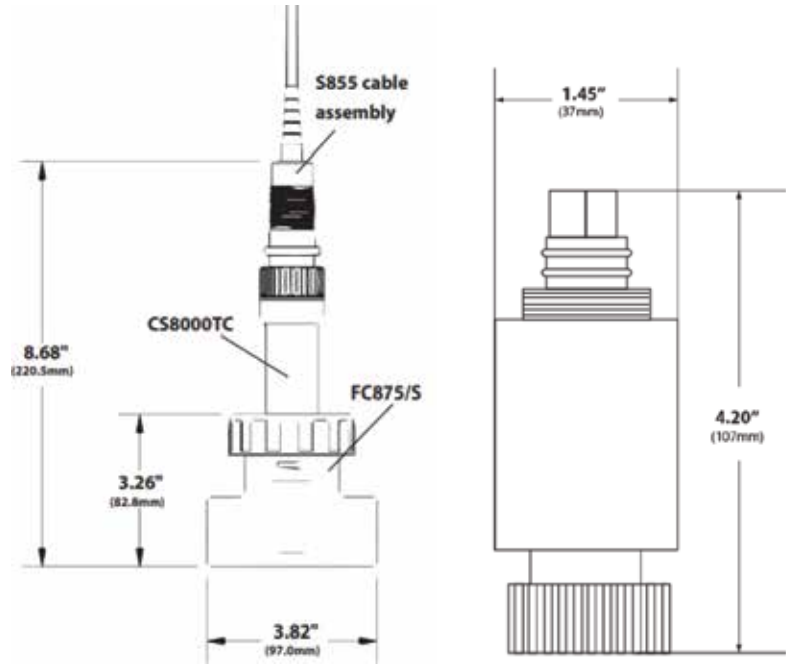
Cell Constant 0.1/cm

CS8000TC + S855 + FC875



Cell Constant 1/cm

EM802-EC



Ordering Information

Part #	Description
CS8000TC	Conductivity probe, CPVC. graphite measuring surface, integrated temperature sensor (specify 10K NTC, 30K NTC, Pt100 RTD, or Pt1000RTD)
CS8300TC	CS8000 sensor body with S855 cable assembly (specify cable length - 10 or 20 ft standard) and 3/4" NPT threaded flow cell
FC875/S	Flow cell, CPVC construction for CS8000TC, 3/4" socket connection
FC875/T	Flow cell, CPVC construction for CS8000TC, 3/4" NPT threaded connection
S855/10/TL/TL	Cable assembly for CS8000TC, 10ft Length, tinned wires
S855/20/TL/TL	Cable assembly for CS8000TC, 20 ft Length, tinned wires
EM802-EC-MA	Interface module to convert CS8000TC/p1k to 4-20mA output (0-10,000uS/cm)
EM802-EC-MB2	Interface module to convert CS8000TC/p1k to Modbus 485 output (0-10,000uS/cm)
S856/10/TL/TL	Cable assembly for CS8000TC, for use with EM802-EC-MB2, 10 ft Length, tinned wires

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MODEL # CS8000CD

DESCRIPTION	CODE	X	X	X	X	X	X	X	X
CELL CONSTANT 0.1/cm 1.0/cm	K = 0.1 K = 1.0								
CABLE S856	S856								
CABLE LENGTH 10 Foot cable 20 Foot cable	10 20								
LEADS Tinned Lead Connector	TL/TL								
FLOW CELL None Flow Cell	+FC875T								
EM802 MODULE Conductivity	+EM802-EC								
EM802 MODULE POWER 12VDC 24VDC	- MB1 - MB2								
CALIBRATION ACCESSORY None (Replacement Probe) Calibration Adapter	S857								

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