

TCS2000 Toroidal Conductivity Sensors



Specifications

Measuring Range	0-2,000,000 uS/cm
Body Material	Polypropylene
Max Temperature/ Pressure	95 Degrees C/200psig 130 Degrees C/100psig
Temp Comp	Pt1000 RTD.
Cable Length	20 feet (6m), stripped and tinned leads
Process Connection	3/4" MNPT for submersion
Nominal Cell Constant	4.8

Resists coating, corrosion and fouling

Durable Polypropylene construction

Easy installation

Connects to Hach/GLI, Rosemount, Knick, Yokogawa and Mettler Toledo instrumentation

The Sensorex TCS2000 series toroidal inductive conductivity sensors features a wide measurement range and dependable toroidal technology over the range 0-2000 mS/cm. Resistant to corrosion, coatings and fouling common to contacting conductivity sensors, the TCS series is designed for a trouble free and long service life.

Polypropylene is the material of construction and has a wide range of chemical compatibility and temperature stability to 130 degrees C***. The TCS2000 can be submersed by utilizing the 3/4" MNPT threads on the sensor. ATC element is a Pt1000 RTD.

Compatibility with various toroidal controllers and transmitters includes:

Hach/GLI: E33, E53, E63, Pro E3, sc200

Knick: 2401, 2402, 2405 Condi

Yokogawa: ISC202, ISC402

Foxboro: 870ITEC, 875

Sensorex: TCSTX

Thermo Scientific: AquaPro, AV88

Rosemount Analytical: Most Models

Ordering Information

The TCS2000 toroidal sensors are submersion ready by utilizing the 3/4" MNPT threads on the top of the sensor.

TCS2000	Polypropylene Toroidal Sensor, 20ft (6 m) cable with stripped and tinned leads
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Calibration Solutions-Quarts (other solutions are available)

TDS3000	3000ppm/3900uS
TDS15000	15000ppm/16630uS
TDS30000	30000ppm/30100uS

Outline and Dimensions TCS2000

