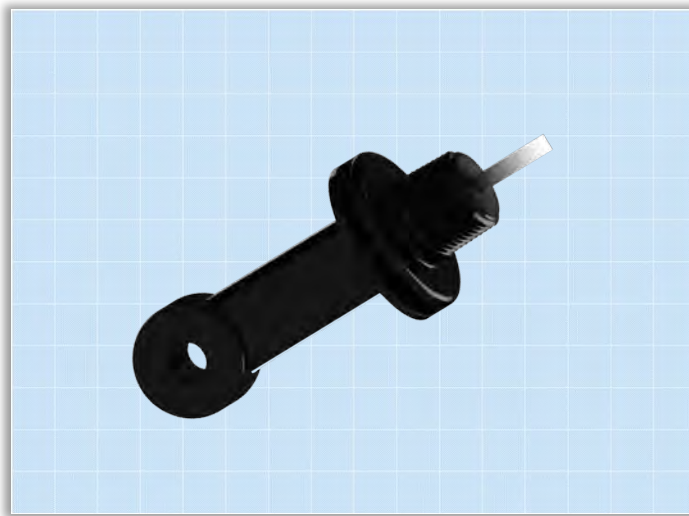


## CROSS SMART SENSOR

### CS7-T: Smart Toroidal Conductivity Sensor

Digital technology for optimized measurement



#### REDUCE MAINTENANCE TIME AND INCREASE PROCESS

##### VISIBILITY

- Communicates directly via RS485 Modbus RTU output
- Configuration and calibration may be accomplished using Delta-Phase View™ Free software package

##### WIDE MEASUREMENT RANGE

- Upper measurement range from 0 to 2,000,000µS

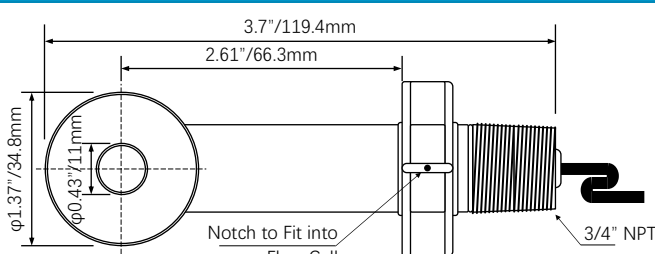
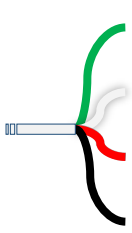
#### RESISTANT TO CORROSION, COATING, AND FOULING

- Noryl body tolerant to most solvents and has wide temperature range stability
- Suitable for in-line and submersion applications

#### Conform to the following EU Directives & Standards:

<b>CE</b>	Low Voltage Directive 2014/35/EU
	Electromagnetic Compatibility Directive 2014/30/EU
	RoHS 2 Directive 2011/65/EU
	EN 61010-1:2010; EN 61326-1:2013

SPECIFICATIONS	
Measuring Range	0 to 100,000µS 0 to 2,000,000µS
Body Material	Noryl
Max Temp.	105°C
Max Pressure	150 psig
Temp. Compensation	PT1000 RTD
Process Connection	3/4" MNPT for submersion, 2" slip fitting with flow cell
Response Time	>10 s
Resolution, Cond.	2 µS or 0.1%, whichever is greater
Accuracy, Cond.	10 µS or 2%, whichever is greater
Resolution, Temp.	0.05 °C
Accuracy, Temp.	0.5 °C Typical 1.0 °C Max.
Accuracy, Loop Current	32 µA
Power Supply	24VDC by GDC
Output	RS485 Modbus RTU
Cable	4 conductor with shield

DIMENSION	WIRES
 <p>3.7"/119.4mm 2.61"/66.3mm φ1.37"/34.8mm φ0.43"/11mm Notch to Fit into Flow Cell 3/4" NPT</p>	 <ul style="list-style-type: none"> <li>Green RS485 B</li> <li>White RS485 A</li> <li>Red V+</li> <li>Black V-</li> </ul>

## ORDER CODE

CS7 Smart Conductivity Sensor			
	-T	Toroidal Conductivity	
		L	Low Range 0 to 100,000 µS
		H	High Range 0 to 2,000,000 µS
			-C10 10" Cable -C30 30" Cable -C50 50" Cable
			Other Lengths available as optional
<b>CS7</b>	<b>-T</b>	<b>-</b>	<b>-C30</b>



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