



## High Accuracy and Repeatability

- Factory-calibrated cell constant will be provided
- Electro-polish finish provides excellent stability and consistency

## Multiple Cell Constants Cover Wide Range of Applications

- 0.01 cm<sup>-1</sup> for ultra-pure / pure water
- 0.1 cm<sup>-1</sup> for pure and drinking water
- 1.0cm<sup>-1</sup> for wastewater and process water

## Durable in High-Temperature and High-Pressure Environments

- Built from 316 Stainless Steel and Teflon
- Withstands up to 150° C (302° F) and 1,379 KPA (200 psig)

## Specifications

<b>Cell Constants</b>	<ul style="list-style-type: none"> <li>• 0.01 cm<sup>-1</sup></li> <li>• 0.1 cm<sup>-1</sup></li> <li>• 1.0 cm<sup>-1</sup></li> </ul>
<b>Response Time</b>	< 30 seconds
<b>Temperature Rating</b>	150° C (302° F) <i>With high-temperature cable. 70° C (158° F) with standard cable.</i>
<b>Pressure Rating</b>	1,379 KPA (200 psig)
<b>Materials of Construction</b>	<ul style="list-style-type: none"> <li>• 316 Stainless Steel</li> <li>• Teflon</li> </ul>
<b>Process Connection</b>	• ¾" NPT or ½" NPT
<b>Communication</b>	<ul style="list-style-type: none"> <li>• Raw output (standard)</li> <li>• Modbus (remote electronics)</li> </ul>
<b>Temperature</b>	• Pt1000 RTD
<b>RA Finish</b>	32

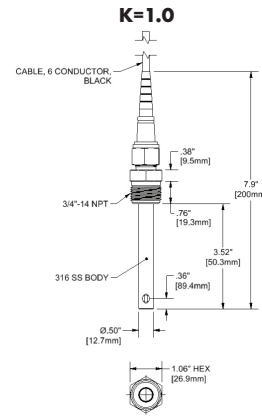
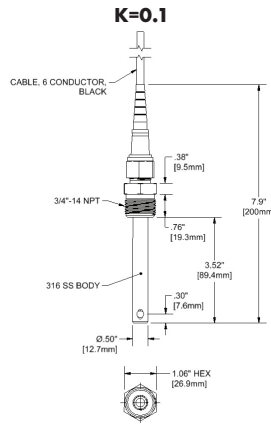
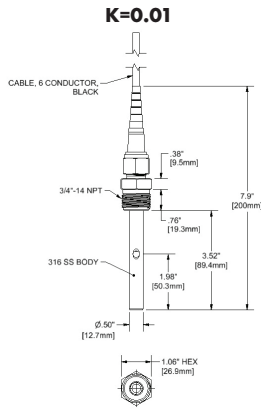
\*Accuracy and repeatability are dependent on the quality of user calibration and instrument.

DESIGNED IN CALIFORNIA

ASSEMBLED IN CALIFORNIA AND CZECH REPUBLIC

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## MODEL # CS700

### Description

#### CELL CONSTANT

- 0.01/cm
- 0.1/cm
- 1.0/cm
- Custom Modification (customer-specified)

#### TEMPERATURE COMPENSATION

- PT1000 RTD
- Custom Modification (customer-specified)

#### CABLE LENGTH

- 10 ft. (3m) ●
- 20 ft. (6m) ● : ● Standard Four-Wire Cable
- 33 ft. (10m) ●
- 10 ft. (3m) ●
- 20 ft. (6m) ● : ● High-Temperature Four-Wire Cable
- 33 ft. (10m) ●
- Custom Modification (customer-specified)

#### CABLE TERMINATION CONNECTOR

- Tinned Leads
- Custom Modification (customer-specified)

#### BRANDING

- Sensorex-Branded
- No Branding
- Custom Modification (customer-specified)

#### INSTALLATION / FITTING TYPE

- 1/2" NPT Stainless Steel
- 1/2" NPT PVDF
- 3/4" NPT Stainless Steel
- 3/4" NPT PVDF
- Custom Modification (customer-specified)

#### TEMPERATURE AND PRESSURE RATING\*

- 0 - 70° C (32 - 158° F) and 0 - 100 psig
- 0 - 150° C (32 - 302° F) and 0 - 200 psig (not available with options "3" and "6" under Installation / Fitting Type)

### Code

A  
B  
C  
M

1  
M

BC  
BD  
BE  
CC  
CD  
CE  
M

3  
M

A  
B  
M

2  
3  
5  
6  
M

B  
G

\* Follows thermodynamic curves of temperature and pressure.

For example, choosing "0.1/cm" under Cell Constant would be **B**, "PT1000 RTD" for Temperature Compensation would be **1**, "10 feet (3m)" with the blue option of "Process 4-Wire Cable" under Cable Length would be **BC**, "Tinned Leads" under Cable Termination Connector would be **3**, "Sensorex-Branded" under Branding would be **A**, "3/4" NPT Stainless Steel" under Installation/Fitting Type would be **5**, and "0 - 70 C (32 - 158° F) and 0 - 100 psig" under Temperature and Pressure Rating would be **B**. The order code would then be **"CS700 - B - 1 - BC - 3 - A - 5 - B"**.

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