



# Sensorex®

## CS150 12mm Graphite Contacting Conductivity Sensor



### Used for Laboratory and Light Industrial Applications

- Cell constants are made from graphite to provide good performance for the value.

### Configurable to Meet Exact Needs

- User-selectable cell constants, temperature compensation, cable lengths, and connectors.

### Multiple Use Cases

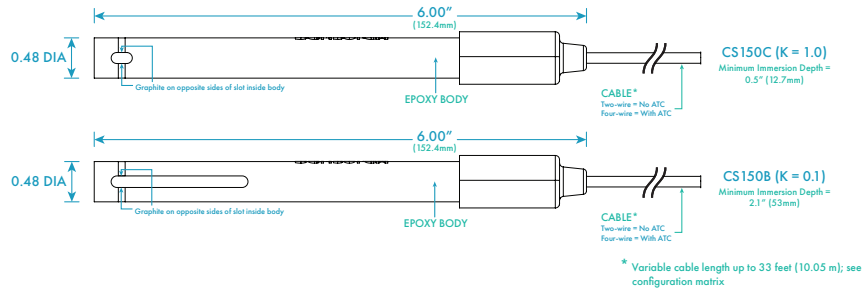
- Submerge in a tank or mount inline in a pipe. Compatible with Sensorex's CM1000 and most portable/bench-top meters.



## Specifications

Cell Constants Available	k = 0.1, k = 1.0
Measuring Surface	Graphite
Body Material	Epoxy
Max Temperature	0 – 70° (32 – 158° F)
Max Pressure	100 psig (7.5 bar)
Temperature Compensation	User-configurable. See ordering matrix on following page.
Cable	22 AWG two-wire or four-wire (if using Automatic Temperature Compensation). User configurable. See ordering matrix on following page.

For pricing or any further information, please contact Omni Instruments Ltd.



## MODEL # CS150

### Description

### Code

#### CELL CONSTANT

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

B  
C  
M



#### TEMPERATURE COMPENSATION

- No Selection
- PT1000 RTD
- PT100 RTD
- 10K Thermistor
- Custom Modification (customer-specified)

N  
1  
2  
3  
M



#### CABLE LENGTH

- 3-foot Cable (1m)
- 10-foot Cable (3m)
- 20-foot Cable (6m)
- 33-foot Cable (10m)
- 3-foot Cable (1m)
- 10-foot Cable (3m)
- 20-foot Cable (6m)
- 33-foot Cable (10m)
- Custom Modification (customer-specified)

AB  
AC  
AD  
AE  
BB  
BC  
BD  
BE  
M



- 2-wire cable. Only compatible with "N" under Temperature Compensation.
- Standard 4-wire cable. NOT compatible with "N" under Temperature Compensation.

#### CABLE TERMINATION CONNECTOR

- BNC Connector
- Tinned Leads
- Spade Lugs
- Custom Modification (customer-specified)

2  
3  
5  
M



- Only available with options AB-AE under Cable Length.

#### BRANDING

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

A  
B  
M



#### INSTALLATION/FITTING TYPE

- No Selection
- 1/2" NPT Polypropelene
- 3/4" NPT Polypropelene

N  
1  
4



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