



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.

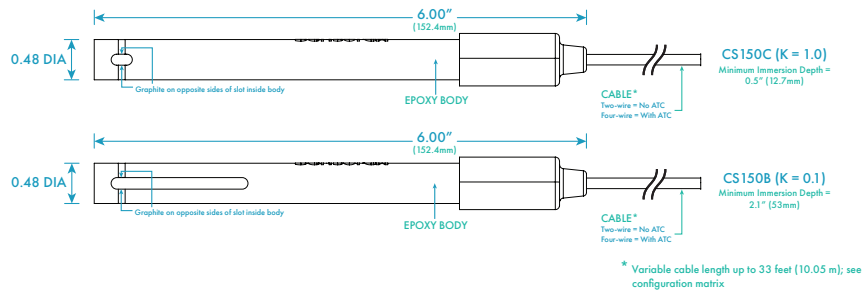


DESIGNED IN CALIFORNIA

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MODEL # CS150

Description

Code

Description	Code	X	X	X	X	X	X
CELL CONSTANT <ul style="list-style-type: none"> 0.1/cm 1.0/cm Custom Modification (customer-specified) 	B C M	○					
TEMPERATURE COMPENSATION <ul style="list-style-type: none"> No Selection PT1000 RTD PT100 RTD 10K Thermistor Custom Modification (customer-specified) 	N 1 2 3 M	○					
CABLE LENGTH <ul style="list-style-type: none"> 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	○					
CABLE TERMINATION CONNECTOR <ul style="list-style-type: none"> BNC Connector Tinned Leads Spade Lugs Custom Modification (customer-specified) 	2 3 5 M	○					
BRANDING <ul style="list-style-type: none"> Sensorex-branded No Branding Custom Modification (customer-specified) 	A B M	○					
INSTALLATION/FITTING TYPE <ul style="list-style-type: none"> No Selection 1/2" NPT Polypropelene 3/4" NPT Polypropelene 	N 1 4	○					

• 2-wire cable. Only compatible with "N" under Temperature Compensation.
 • Standard 4-wire cable. NOT compatible with "N" under Temperature Compensation.
 • Only available with options AB-AE under Cable Length.

For example, choosing "0.1/cm" would result in a first value of B. Choosing "No Selection" would result in a value of N. Cable length of 10 feet (2-wire cable) would be AC, BNC connector would be 2, "Sensorex-branded" would be A, and installation/fitting type selection of 1/2" NPT polypropelene would be 1. These selections would result in an order code of CS150-B-N-AC-2-A-1.

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