

Pathfinder Model CS-1000 Conductivity Sensor/Probe



Description

The **CS-1000** Temperature compensated conductivity sensor/probe has a K Factor of 1.0. It includes a flat surface with high density graphite and PVC wetted materials. It is designed to be used in a pipe “T” that won’t impede the flow of the water being measured. This probe comes with a standard, 10’ long, 3-wire cable (custom lengths up to 60’ are available).

The CS-1000 is made for low conductivity ranges from 0 to 100 uS up to 7,500 uS while used in combination with the **CT-1000** 2-wire & 3-wire, 4-20 mA (1-5VDC) conductivity transmitter.

Two of the three wires connect to the measurement electrodes and the third connects to the temperature sensor. If the probe surface gets dirty, it is easily restored to its original condition by rubbing it on a flat surface using 400 grit sand paper and rinsing it clean. The CS-1000 is waterproof & RoHS Compliant.

Specifications:

K Factor	K=1.0
Probe Connection	3/4” MNPT
Operating Pressure Range	VAC to 125 PSIG
Operating Temperature Range	0° to 60°C
Temperature Compensation Range	0° to 50°C
Probe Max. Width	1 1/4 inches
Probe Length (overall)	1 1/8 inches
Cable Length	10 feet (standard) up to 60 feet (max)
Wetted Materials	High Density Graphite, PVC
Protection Rating	IP67

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