



**PATHFINDER**  
INSTRUMENTS

## Pathfinder Model CS-100 Conductivity Sensor/Probe



### Description

The CS-100 Temperature compensated conductivity sensor/probe has a K Factor of 0.1. This 3-wire probe is constructed for low conductivity ranges 0 to 10uS up to 500uS and used in combination with the CT-1000 2 & 3 wire, 4-20 mA (1-5VDC) conductivity transmitters. The sensor/probe provides temperature compensation over a range of 0° to 50°C and an operating temperature range of 0° to 60°C. The 3/4" NPT probe fitting is designed for "in-line" use only. Waterproof & RoHS Compliant.

### Specifications:

<b>K Factor</b>	<b>K=0.1</b>
<b>Probe Connection</b>	<b>3/4" MNPT</b>
<b>Operating Pressure Range</b>	<b>VAC to 125 PSIG</b>
<b>Operating Temperature Range</b>	<b>0° to 60°C</b>
<b>Temperature Compensation Range</b>	<b>0° to 50°C</b>
<b>Probe Insertion Length</b>	<b>1.25 inches</b>
<b>Probe Length (overall)</b>	<b>3.75 inches</b>
<b>Cable Length</b>	<b>10 feet (standard) up to 60 feet (max)</b>
<b>Wetted Materials</b>	<b>316SS, CPVC, EPDM, Polypropylene</b>
<b>Protection Rating</b>	<b>IP67</b>

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