



PATHFINDER INSTRUMENTS

Pathfinder Model RC-20 Resistivity Sensor/Probe



Description

The RC-20 is a Resistivity Probe with a 10ft. standard length cable that has a 0.007 cell constant (K Factor) and an Integral Temperature Sensor for automatic temperature compensation. This 4-wire probe is constructed for low ranges 0 to 18.3 megaohms/cm³ and used in combination with the 4-20 mA (1-5VDC) HPT-12 resistivity transmitter. The sensor/probe provides temperature compensation over a range of 0° to 50°C and an operating temperature range of 0° to 60°C. Factory adjustable insertion length from 1 inch to 2.25 inches. Standard length: 1.75 inches. Waterproof & RoHS Compliant.

Specifications:

K Factor	K=0.007
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 Insertion Length	1.75 inches (adjustable from 1" to 2.25" upon request)
Probe Length (overall)	3.75 inches
Cable Length	10 ft (standard) up to 60 ft (max) in 10 ft. increments
Wetted Materials	316SS, PVDF, EPDM, Polypropylene
Protection Rating	IP67

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