

RIGID TEMPERATURE PROBE

HIGH-DENSITY
TEMPERATURE SENSING



SCAN FOR MORE



With high density sensor spacing, the Rigid Temperature Probe can accurately collect temperature in a variety of applications from road weather management to pond temperature monitoring.

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SPECIFICATIONS

Number of Sensors	<ul style="list-style-type: none">72 sensors maximum (at 2.5 cm spacing)
Outer Diameters	<ul style="list-style-type: none">Rigid section - 12.7 mm (½")Cable - 7.0 ± 0.1 mm (0.28 ± 0.004")
Operating Range	<ul style="list-style-type: none">-55° C to 125° C (-67° F to 257° F)
Field Conditions	<ul style="list-style-type: none">Wet / Dry / Frozen
Outer Shell	<ul style="list-style-type: none">Stainless steel 316L round tubeRated at IP68
Termination Options	<ul style="list-style-type: none">4-pin Raymo ConnectorBare leads
Data Logging Options	<ul style="list-style-type: none">Satellite-enabled beadedstream Data loggersInterfaces to third party data loggers (Modbus, SDI-12, or Ethernet)
Length	<ul style="list-style-type: none">Customizable up to 1.8 m (6 ft)
Sensor Accuracy	<ul style="list-style-type: none">± 0.1° C from -10° to +30° C (14° to 86° F)
Sensor Resolution	<ul style="list-style-type: none">±0.063°C (±32.113°F) (12-bit ADC)
Sensor Spacing	<ul style="list-style-type: none">User specified, 2.5 cm (1inch) minimum
Additional Features	<ul style="list-style-type: none">Ruler decal with markings every 1-cm and 1-inch (2.5cm)

