

RIGID PROBE

HIGH-DENSITY
TEMPERATURE SENSING



SCAN FOR MORE



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

RIGID PROBE

SPECIFICATIONS

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|-----------------------------|---|
| Number of Sensors | <ul style="list-style-type: none">60 maximum (at 2.5 cm spacing) |
| Outer Diameters | <ul style="list-style-type: none">Rigid section - 22.23 mm ($\frac{7}{8}$")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">Encased in acrylic 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">$\pm 0.1^{\circ}$ C from -10° to $+30^{\circ}$ C (14° to 86° F) |
| Sensor Resolution | <ul style="list-style-type: none">$\pm 0.063^{\circ}$ C ($\pm 32.113^{\circ}$ 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">Encapsulated ruler decal with markings every 1-mm (or 1/16") |

