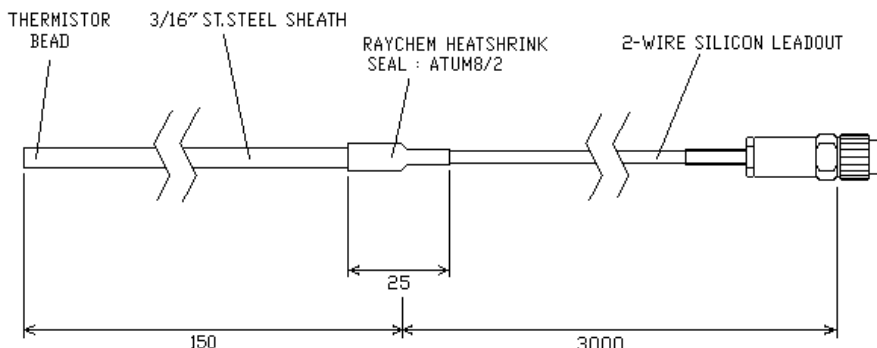




Sensor Physical Details



Sensor details

Measuring Range : -40°C to +125°C

Sensor Type : 10k NTC Thermistor

Response Time : 45 s to 90% (Air)
20 s to 90% (water)

Sensor accuracy : $\pm 0.2^\circ\text{C}$
From 0°C to +70°C

Mechanical specification

Construction details and maximum temperature ratings.

Probe:

10k thermistor in silicon rubber, stainless steel sheath. Temp range -65°C to 220°C
Polyolefin heatshrink seal: -55°C to +110°C

Cable:

2-core FEP / Silicon rubber sheath, -60°C to 200°C

Connector:

2-way IP68 connector, Stainless steel body.

Approvals

All Tiny loggers are manufactured within the Orion Group to ISO EN 9002 part 2 (Certificate No. 6134), and are CE approved to EN50081 part 1:1992 and EN50082 part 1&2:1992 with any standard leads or probes supplied.

NAMAS traceable calibration certificates are available on individual units.



Related Products

This probe is suitable for the following products:

TGU/TGU2K/TGP-0020	Tinytag Ultra/Ultra 2k/Plus Range G (-40°C to +125°C) for Standard Probe.
TGU/TGU2K/TGP-0073	Tinytag Ultra/Ultra 2k/Plus Range H (-30°C to +50°C) for Standard Probe.
TGU/TGP-1510	Tinytag Ultra/Plus 2-channel, Range H (-30°C to +50°C) And Range G (-40°C to +125°C) for Standard Probe.
TGU/TGP-1515	Tinytag Ultra/Plus 2-channel, Range H (-30°C to +50°C) And Range H (-30°C to +50°C) for Standard Probe.
TG12-0020	Tinytag Plus High Resolution Range G (-40°C to +125°C) for Standard Probe.
TV-0020	Tinyview Range G (-40°C to +125°C) for Standard Probe.
TV-0073	Tinyview Range H (-30°C to +50°C) for Standard Probe.

Applications

Soil monitoring Fisheries Research Transportation