Sensor Specification

Measuring Range	-80℃ to +100℃ (-112℉ to +212℉)
Sensor Type	PT1000 (Class B)

Sensor Accuracy
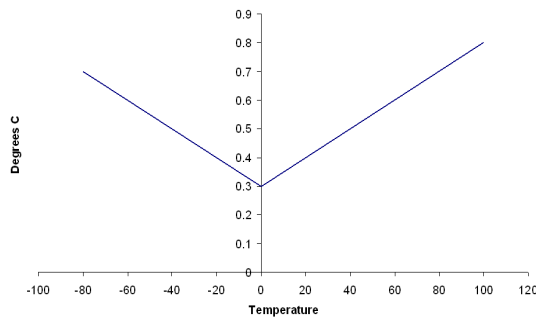
Physical Specification

IP Rating	IP66 (splash-proof)
Weight	65g (1.5m cable version)
Response Time	
Water	Typically 20 Seconds (to 90% FSD)
Moving Air	Typically better than 3 Minutes (to 90% FSD)
Probe	
Material	Stainless steel (316)
Temperature rating	-80℃ to +100℃ (-112℉ to +212℉)
Cable	
Material	Silicone cable outer sheath with SPT core insulation
Temperature rating	-80℃ to +100℃ (-112℉ to +212℉) Do not flex the probe cable below -60℃ (-76℉)
Connector	
Material	Nickel Plated Brass/Zinc Alloy
Temperature rating	-25℃ to 85℃ (-13℉ to 185℉)

Notes

This probe can be supplied with either a 1.5m, 3M or 5M cable.

If used in salt water rinse with fresh water before storage. For prolonged exposure, smear the threads of the connector with petroleum jelly to minimise risk of corrosion.

For specialist use, for example applications bringing the product into direct contact with food, we can supply material data sheets so you can assess the suitability of this product for your application.

Calibration

A certificate of calibration, traceable to a national standard, can be supplied for an additional charge either at the point of purchase, or if the probe is returned for a service calibration.

Approvals

Gemini Data Loggers (UK) Ltd. operates a Business Management System which conforms to ISO 9001 and ISO 14001.

CE

Related Products

This probe is suitable for use with the following products:

Tinytag Plus 2 model number:

TGP-4204

Tinytag View 2 model number:

TV-4204

data sheet