

Minnow 2.0 External Sensor Cables

The Minnow 2.0 External Sensor cable is a fully digital sensor that can measure Temperature [T] or Temperature + Humidity [TH]. Each sensor stores its own adjustment and calibration data so that any cable can be used with any logger. External sensor cables are compatible with all Minnow 2.0 loggers.

The probe end of the cable is made from deep drawn seamless stainless steel for a strong, watertight sensor.

All NIST calibration data is stored in the external sensor cable itself, so a calibrated external sensor can be used with any Minnow 2.0 data logger.

Significant features

- High accuracy & fast response time
- Wide temperature range
- NIST calibrations available (calibration stored in cable so external sensors can be moved from logger to logger).

Sensors response:

Temperature (Both T and TH cables)

- Range: **-40°C to +90°C**
- Resolution: **0.01°C**
- Accuracy: **±0.17°C** from +5°C to 60°C
- Cal Accuracy **±0.07°C** within ±20°C of Cal Temp

Humidity (TH cable only)

- Range 0% to 100% RH
- Resolution 0.016% RH
- Accuracy **±3%** (20% to 80%), **±5%** else

Connection

- 3.5mm, 4 conductor gold plated audio jack

IP: Ingress Protection

- Fully waterproof for the Temperature only
- IP67 for Temperature + Humidity

Dimensions:

- Probe end - 6mm diameter x 50mm long
- Cable length 2m
- More probe sizes and cable lengths will be introduced depending on demand



T cable

TH cable

Cable length not to scale