

Converge Signal Long Range®



Autonomous Concrete Monitoring Across Large-Scale Projects

Converge Signal Long Range® is a fully embedded wireless concrete maturity monitoring solution that delivers real-time temperature and maturity data across large construction sites. With long-range connectivity of up to 300 metres and automatic data collection through the Converge Gateway®, it eliminates the need for routine manual site checks while providing reliable project insights. Designed for demanding infrastructure applications, the rugged IP68-rated sensor offers accurate monitoring, simple installation, and dependable performance from pour to completion.

Key Features & Benefits

- ▶ **Long-Range Coverage** – Monitor concrete across sites up to 300m away from the gateway, ideal for large-scale projects.
- ▶ **Real-Time Strength Tracking** – Supports concrete maturity monitoring using accurate temperature data to estimate in-place strength development.
- ▶ **Automatic Data Collection** – Eliminates manual readings and reduces site visits through remote monitoring capabilities.
- ▶ **High-Accuracy Sensing** – Digital concrete maturity sensors provide temperature accuracy of $\pm 0.5^{\circ}\text{C}$, exceeding ASTM C1074 requirements.
- ▶ **Multi-Point Monitoring** – Measure temperature at up to four locations from a single device for enhanced mass concrete monitoring.
- ▶ **Bluetooth & Long-Range Connectivity** – Functions as a bluetooth concrete temperature sensor for local access while enabling automated remote data collection.
- ▶ **Rugged IP68 Construction** – Waterproof, weatherproof design built for demanding construction environments.

SPECIFICATIONS:

Product Code	Description
140288	Signal Long Range CE
135849	Single-Probe Thermal Tail (SPTT) - 1m Long
135850	Single-Probe Thermal Tail (SPTT) - 3m Long
135851	Single-Probe Thermal Tail (SPTT) - 10m Long
135852	Single-Probe Thermal Tail (SPTT) - 15m Long
135853	Multi-Probe Thermal Tail (2 Probe) (MPTT) - 2m Long
135854	Multi-Probe Thermal Tail (2 Probe) (MPTT2) - 4m Long
135855	Multi-Probe Thermal Tail (2 Probe) (MPTT2) - 4.5m Long
135856	Multi-Probe Thermal Tail (2 Probe) (MPTT2) - 6m Long
135857	Multi-Probe Thermal Tail (2 Probe) (MPTT2) - 10m Long
135858	Multi-Probe Thermal Tail (3 Probe) (MPTT2) - 8m Long
135859	Multi-Probe Thermal Tail (3 Probe) (MPTT2) - 5m Long
135860	Multi-Probe Thermal Tail (3 Probe) (MPTT2) - 12m Long

FREE QUOTE

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