

Termon CoolTag

BLE temperature sensor for refrigerators, storage areas and cold-chain monitoring.

±0.1 °C

Temperature measurement accuracy

-50 ... +65 °C

Measurement range

7 years

Battery life, up to



Technical specifications

Measurement range	-50 °C to +65 °C
Measurement accuracy	±0.1 °C
Measurement resolution	0.008 °C
Protection class	IP64
Battery life	Up to 7 years
Wireless communication	BLE 5.3
Processor architecture	32-bit ARM
Calibration	Factory-calibrated
Transmit power option	23 dBm high-power mode
Sensor application standard	ISO 80601-2-56

CoolTag Logger option

The CoolTag Logger model adds up to 30 days of onboard data logging. This feature belongs to the Logger model and is separate from the standard CoolTag specifications above.

Termon FroSTag

External-probe BLE temperature sensor for cold and frozen applications.

$\pm 0.1\text{ }^{\circ}\text{C}$

Temperature measurement accuracy

$-100 \dots +85\text{ }^{\circ}\text{C}$ IP67

Measurement range

Protection class



Technical specifications

Measurement range	$-100\text{ }^{\circ}\text{C}$ to $+85\text{ }^{\circ}\text{C}$
Measurement accuracy	$\pm 0.1\text{ }^{\circ}\text{C}$
Measurement resolution	$0.01\text{ }^{\circ}\text{C}$
Protection class	IP67
Battery life	Up to 5 years
Wireless communication	BLE 5.3
Processor architecture	32-bit ARM
Calibration	Factory-calibrated
Transmit power option	23 dBm high-power mode
Onboard storage capacity	Up to 100,000 logs
Sensor application standard	ISO 80601-2-56

External-probe monitoring

FroSTag measures temperature through an external probe. Its range, protection class and battery specification are listed separately from the CoolTag model.