NSnappy® Cool LWEU-N

Cooling measurement device

NSnappy Cool transmitter was specifically designed for the accurate, automated measurement of the rapid chilling of products in the cook-and-chill process.

Use the standard rack to hang the device on a GN form and stick the sensor pin into the product. The device and program will automatically do the rest.

The device is equipped with a sensor, made from silicone and stainless steel, that is compatible with foods. The device and the materials used in it were specifically designed with this purpose in mind.

Applications

Commercial kitchens

Industry

Product highlights

- No need for fixed installation

- One transmitter can be utilized in several coolers

- Extremely quick and easy to use

- High measurement accuracy

QUALITY SYSTEM CERTIFICATION
DNV
ISO 9001

CE

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Environment

Storage conditions	-40...+60°C, relative humidity 5-95%, non-condensing
Operating conditions	-30...+60°C, relative humidity 0-100%
Protection class	IP67
Enclosure material	Enclosure ABS, gaskets silicone, screws stainless steel SUS304

Dimensions

Dimensions	79 x 28 x 126 mm not including probe and cable
Weight	192 g

Temperature measurement

Probe	100 mm long, 4 mm diameter, hollow stainless steel probe
Cable and handle	100 mm long rubber cable, cable and handle material food-safe and FDA approved
Sensor	Pt1000 sensor element inside of the probe tip
Measuring range	-40...+105 °C
Accuracy	±0,5 °C within range -30...+30 °C
Measuring interval	Normal 60 seconds, minimum about 5 seconds

Radio connection

Description	LoRaWAN standard, EU 868 MHz frequency range
Transmitter module	Murata ABZ-093 LoRaWAN modem
Antenna	Internal
Compatibility	Nokeval NSnappy Hubs and Cloud Service
Frequency	863-870 MHz (LoRaWAN 1.0.2 EU band)
Power	Max +14 dBm E.R.P.
Range	Depends on environment, indoors: in good conditions up to hundreds of meters, outdoors: line-of-sight up to 10 km

Power supply

Type	3 pcs LR03 (AAA 1.5 V alkaline). User replaceable. For the best battery life, use only high quality batteries
Battery life	At least 1 year when used 4 hours per day