



Nano SPY TH High Accuracy

Mini Temperature & Hygrometry Data logger
with High Accuracy measurement



Non contractual photo

Presentation

The Nano SPY TH High Accuracy measures and records temperature and relative humidity with an excellent accuracy, reproducibility and long-term stability. It transmits data to the nearby LINK module by a 2,4 GHz radiofrequency communication.

The measurements are then sent automatically to the JRI secure Cloud for hosting, and will be managed on JRI MySirius web application. If thresholds are exceeded, alerts are transmitted in real time to react immediately.

The Nano SPY TH High Accuracy is particularly adapted to monitoring in pharmaceutical industries, food industries, museums and according GxP / FDA CFR part 11.

Technical features

Interface	Status LED and On/Off touch sensitive button
Measurement range	-40°C to +85°C / 0-100%HR
Communication Frequency	2,4 GHz (802.15.4)
Memory	10 000 data points
Sensor	Sensitive element PT 1 000, 1/3 B class, HYGROMER HT-1 cable length : 2m
Operation conditions	-40°C to +85°C
Resolution	0.01
Measuring and transmission period	1 mn
Internal memory recording period	Adjustable from 1 mn to 24 hrs
Response time σ_{90}	15 secondes without filter
Protection	IP65
Case	Polycarbonate – Food contact
Case Dimensions & Weight	63 x 42 x 25 mm / ~ 60 g
Power supply	3,6v Lithium battery - Replaceable
Battery life	6 years
Fixation	Fixing eyelets and integrated magnets
Supplied with	Blue identification ring, protective shell user manual can be download on www.jri-corp.com
Compliance	CE, ROHS, FCC, ETS 300-328

Benefits

- **Easy-to-use**
The sensor is ready to use and has operating and alarm lights



- **Excellent measurement accuracy**
- **Does not require an external power supply**



Fixing eyelets

Replaceable battery and non disconnectable probe



Internal connector



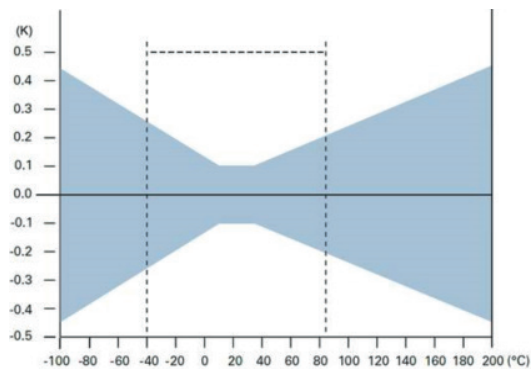
Protective shell

PART NRS
13240 E : Model with battery
13240 X : Model without battery

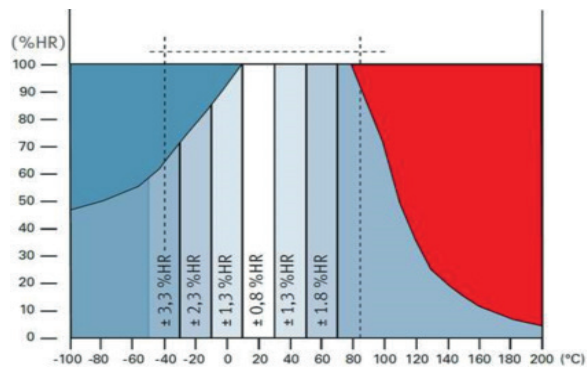
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Measurement Range & Accuracy

Temperature



Humidity



Metrology

The data of this sensor only concerns the measurement accuracy of the sensor (excluding calibration).

On-site calibration is not considered for high uncertainties reasons.

In case of ISO 17025 calibration (laboratory), the standard calibration uncertainty is 1%RH and 0.3°C and must be added to the total MPE.

In case of non-ISO 17025 calibration (laboratory), the standard calibration uncertainty is 1.2%RH and 0.4°C and must be added to the total MPE.

Sensor Dimensions

