

Nano SPY TH

Mini Temperature & Hygrometry Data logger 2,4GHz radiofrequency communication



Presentation

The Nano SPY TH sensor measures, records temperature and hygrometry. It transmits data to a nearby LINK module, by 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.

Discreet, it is particularly suitable for climate comfort and HVAC applications.

Technical features

Measurement range -30°C to +70°C and 0 -100% RH Temperature: ±0.4°C from -20°C to +40°C and ±0.5°C out of this range Hygrometry between +15°C and +25°C: ±3% RH from 20% to 80% ±5% RH out of this range Communication frquency 2,4 GHz (802.15.4) Memory 10 000 data points Sensor SENSIRION SHT25 digital Operation conditions -30°C to +70°C Resolution 0.01 Measuring and transmission period 1mn Internal memory recording period Adjustable from 1 mn to 24 hrs Response time G90 ~2 mn Protection IP40 Case Polycarbonate - Food contact Power supply 3,6v Lithium battery - Replaceable Battery life 6 years Dimensions and weight 63 x 42 x 25 mm/ ~ 60 g Fixation Fixing eyelets and integrated magnets Supplied with White identification ring user manual can be download on www.jri-corp.com Compliance CE, ROHS, FCC, ETS 300-328, EN 12830 Part pr 11568 EU (with battery) - 11568 EX (without battery)	Interface	Status LED and On/Off touch sensitve button
Accuracy Hygrometry between +15°C and +25°C:±3% RH from 20% to 80% ±5% RH out of this range Communication frquency 2,4 GHz (802.15.4) Memory 10 000 data points Sensor SENSIRION SHT25 digital Operation conditions -30°C to +70°C Resolution 0.01 Measuring and transmission period Innn Internal memory recording period Adjustable from 1 mn to 24 hrs Response time G90 Polycarbonate – Food contact Power supply 3,6v Lithium battery - Replaceable Battery life 6 years Dimensions and weight Supplied with Supplied with Compliance Compliance Cet, ROHS, FCC, ETS 300-328, EN 12830 +2°C' +22°C' +28°C and 20%/ 50%/ 80%	Measurement range	-30°C to +70°C and 0 -100% RH
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	Part nr	11568 EU (with battery) - 11568 EX (without battery)

Benefits

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



Excellent measurement accuracy



Fixing eyelets



Replaceable battery