



Beyond
the measure

GREEN DIGITAL SENSOR LOW TEMPÉRATURE (0°C to -90°C)

Ideally suited for monitoring freezers at -80°C.

Interchangeable, thanks to the storage of metrological information in their internal memory.



Non contractual picture

Presentation

Green Digital Sensor temperature probes are digital sensors with internal memory that stores calibration coefficients. This makes it possible to perform calibration simply by replacing the probe or using the JRI MySirius Calibration module, without interrupting equipment monitoring.

Optimized for modeling errors using second-degree (X^2) functions, they feature a slim cable that allows them to pass through the door seal.

This digital probe is compatible with Nova SPY Digital, LoRa SPY Digital, and Nano SPY Digital data loggers.

Technical features

	GREEN DIGITAL SENSOR BASSE TEMPERATURE Ø3,5×35mm (0°C à -90°C), CABLE 3,1m
Sensing element dimensions	Ø3,5×35mm
Sensor protection	IP 68
Connector	Detachable - IP 40
Cable type	Braided PFA cable - Ø2,9mm x 3,1m
Measurement range	between 0° and -90°C
Measurement accuracy	±0,2°C between -40° and -90°C ±0,3°C between 0° and -40°C
Resolution	±0,01°C
Combined uncertainty	between 0,037°C to 0,06°C
Standard calibration point NON COFRAC	-80°C, -50°C, -30°C, 0°C
Reference	13984_3
Compatibility	MySirius from version 4.4 LoRa SPY D (Refs. 11809 and 12276) Nano SPY D (Ref. 13491) Nova SPY D (Ref. 13756) 3 m extension cable for Green Digital Sensor (Ref. 13870) 12 m extension cable for Green Digital Sensor (Ref. 13871)

Atouts

- **Low drift**
Ensuring reliable measurements over the long term, $\leq 0.1^\circ\text{C}$ after one year of use.
- **Easy interchangeability**
- **Reduced maintenance costs**
- **Optimized calibration processes**

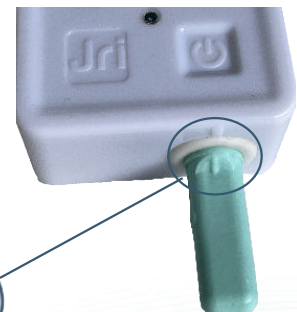
Probe connection diagram



- Align the mark on the probe with the mark on the Nova SPY Digital.
- Push the probe in until you hear a click, indicating that it is securely in place.

Mark on Nova SPY Digital

Mark on probe



The two markers are aligned

JRI, Société par actions simplifiée au capital de 4 000 000 €
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