Beyond the measure

FT 14435 A

GREEN DIGITAL SENSOR CRYO (-130°C to -196°C)

JRI's very low temperature digital probe, designed for cryogenic storage monitoring.

Interchangeable thanks to metrological data stored in its internal memory.



Non contractual picture

Presentation

Designed for cryostorage applications, JRI's Green Digital Sensor CRYO digital probe stores its calibration coefficients in internal memory, enabling fast calibration either by standard exchange or via the JRI MySirius Calibration module without interrupting equipment monitoring. Its second-degree (X^2) error modeling ensures maximum metrological accuracy, while its ultra-thin cable makes installation on nitrogen tanks easier.
It integrates natively with Nova SPY Digital, LoRa SPY Digital, and Liberty SPY Digital data loggers.

Technical features

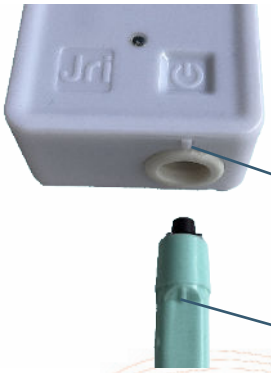
	GREEN DIGITAL SENSOR CRYO Ø3,5×35mm (-130°C/-196°C), CABLE 3,1m
Sensing element dimensions	Ø3,5×35mm
Sensor protection	IP 68
Connector	Detachable - IP 40
Cable type	Braided PFA cable - Ø2,9mm x 3,1m
Measurement range	-130°C to -196°C
MPE	±0,5°C between -130°C and -196°C
Resolution	±0,01°C
Combined uncertainty	Between 0,037°C and 0,06°C
Standard calibration point NON COFRAC	-196°C
Reference	14435
Compatibility	MySirius from version 4.4 LoRa SPY D (Refs. 11809 and 12276) Liberty SPY (Ref. 14191) 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)

Benefits

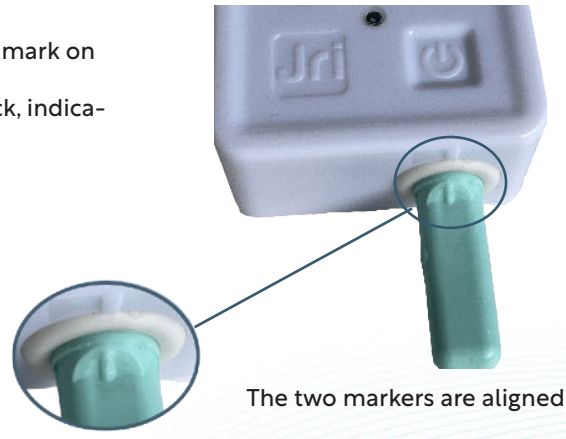
- **Low drift**
  Ensuring reliable measurements over the long term, ≤0.1°C after one year of use.
- **Easy interchangeability**
- **Reduced maintenance costs**
- **Optimized calibration processes**

Non contractual document

Probe connection diagram with a Nova SPY Digital



- 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.



The two markers are aligned

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