

## Low Temperature Digital Probe

## **Digital Sensor Evolution**

A drift managed for a better monitoring of your equipments



## Presentation

The Low Temperature Digital Sensor Evolution is a digital probe experiencing a very low drift and has an internal memory to store gauging parameters. It is interchangeable to perform easily metrology operations by simple exchange and without any monitoring interruption.

Data from a metrological transaction is automatically integrated in the JRI software.

It is fitted with a thin cable to allow installation through door seals.

The Digital Sensor Evolution (5th generation) is compatible with the LoRa® SPY Digital recorder and with the SPY range recorders whose firmware versions are following:

SPY RF N:  $\geq$  than v1.63 - SPY IP:  $\geq$  than v1.25 - SPY TOUCH N:  $\geq$  than v2.9.5.

## Technical features

Measurement range	From -200°C to 0°C
Accuracy	$\pm 0.2^{\circ}\text{C}$ from 0°C to -20°C and $\pm 0.5^{\circ}\text{C}$ out of this range
Type of sensor	Stainless steel
Dimensions of sensor	Ø3x20mm
Type and dimensions of cable	Teflon cable - Ø2,9mm - 3m
Protection of sensor and cable	IP 68
Immersion of cable	continuous immersion in water and glycolic solutions and punctual immersion in alcoholic solutions
Type and dimensions of converter	Aluminium - Ø11x51mm
Type of connector	Binder
Points for a standard calibration certificate	-10°C, -50°C, -80°C
Points for a cofrac calibration certificate or Cofrac checking report	-196°C, -60°C
Points of gauging	0°C,-60°C
Part nr	12204



Binder connector