



Low Temperature Digital Probe

Digital Sensor Evolution

A drift managed
for a better monitoring of your equipments



Non contractual picture

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 : ≥ than v1.63 - SPY IP : ≥ than v1.25 - SPY TOUCH N : ≥ than v2.9.5.

Technical features

Measurement range	From -200°C to 0°C
Accuracy	±0,2°C from 0°C to -20°C and ±0,5°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