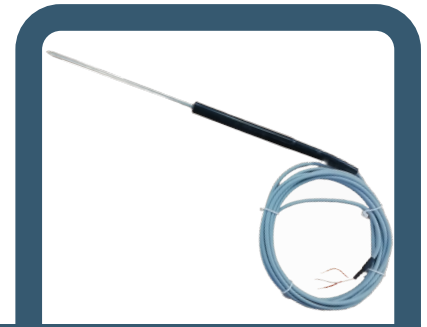




PT100 insertion Probe

PT100 insertion probe with silicone grip to measure
between -60° and +180°C



Non-contractual photo

Réf. 05936

Introduction

The PT100 insertion probe is designed to measure temperatures from -60°C to +180°C. Its 160 mm silicone handle makes it easy for users to grip.

Easy to use, the probe connects directly to the Nano SPY U data logger (use connection pack ref. 12617) or to the LoRa SPY U. It requires no converter and no external power supply.

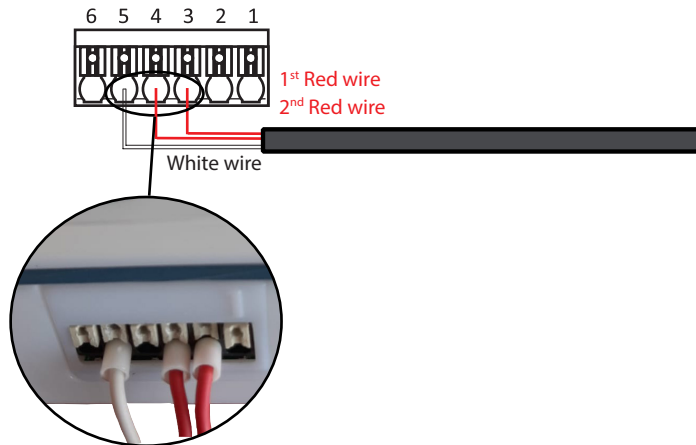
Technical features

Measurement range	From -60°C to +180°C of the sensitive element
Sensor class	A - CEI 60751
Sensor dimensions	Ø 4x150 mm
Silicon grip dimensions	Ø 13x160 mm
Cable type and dimensions	3-wire PFA/Silicon/PFA cable - 3m
Cable operating temperature	From -60°C to +180°C

Connection

Case 1: Connection diagram with a LoRa® SPY U

- White wire of the PT100 IVF sensor: Connect the extremity to connector 5 of the LoRa® SPY U.
- 1st Red wire of the PT100 IVF probe: Connect the extremity to the connector 3 of the LoRa® SPY U.
- 2nd Red wire of the PT100 IVF probe: Connect the extremity to the connector 2 of the LoRa® SPY U.



Case 2: Connection diagram with a Nano SPY U

JRI recommends the use of an IP67 Binder connector (ref 12617) and a universal cable to connect the Nano SPY U to the PT100 Fine probe for Covered Incubators (IVF).

- White wire of the Nano SPY U: Connect to terminal 1 of the IP67 connector.
- Blue wire of the Nano SPY U: Connect to terminal 2 of the IP67 connector.
- Brown wire of the Nano SPY U: Connect to terminal 4 of the IP67 connector.
- White wire of the probe: Connect the extremity to terminal 4 of the IP67 connector.
- 1st Red wire of the probe: Connect the extremity to terminal 1 of the IP67 connector.
- 2nd Red Probe Lead: Connect the extremity to terminal block 2 of the IP67 connector.

