



4G Temperature Digital Probe

JRI exclusive

Monitoring your equipment with a controlled drift



Non contractual picture

Benefits

The digital probe is a standardized (CEI751) class A PT100 sensor. It is experiencing a very low **drift of ≤ 0.1 °C** after one year of use. It has an internal memory storing calibration coefficients. It is interchangeable to facilitate the realization of metrological services.

Data from a metrological transaction with Metrolog Calibration software are automatically integrated in Sirius Storage software.

It is compatible with the SPY RF N, SPY TOUCH'N and SPY IP and exists in incubator version (distinguishable by its green ring on the connector).



Technical features

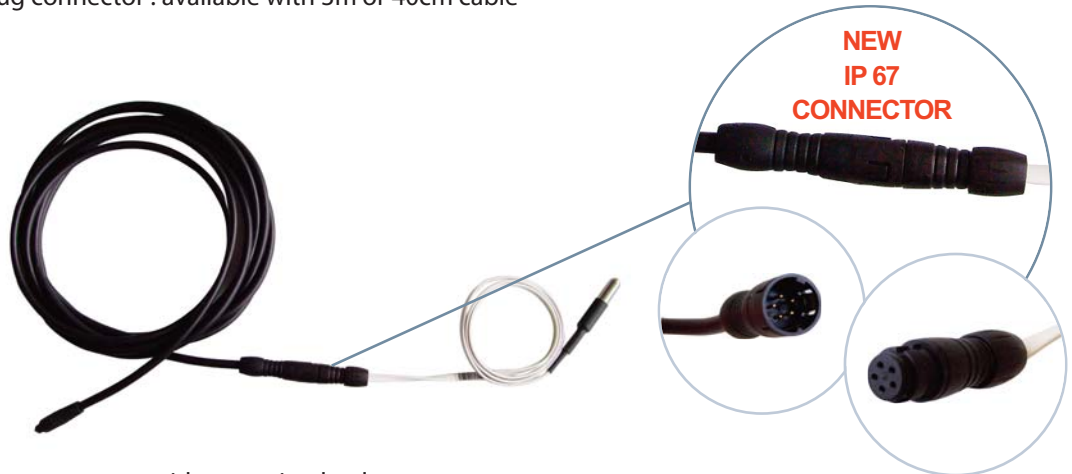
	Standard version			Incubator version
	Part nr. 06556	Part nr.11445	Part nr.10559	Part nr.06556_i Part nr. 11445_i
Temperature range	from -40 to +80°C			from +30 to +55°C
Measurement accuracy	$\pm 0,3$ °C from -40 to +40°C and $\pm 0,5$ °C out of this range			$\pm 0,2$ °C from +30 to +55°C
Dimensions and protection of sensor	Ø7x36mm - Stainless steel - IP 68			
Type of cable	PVC flat cable 3m	PVC flat cable 0,7m	PVC rond cable Ø4x40cm	identical to standard version
Protection of sensor	IP 67		IP 68	IP 67
Immersion of sensor	continuous immersion in water and glycol or alcohol solutions		continuous immersion in water and glycol solutions ; short time immersion in alcohol solutions	continuous immersion in water and glycol or alcohol solutions
Type of connector	plug	plug with extension lead	plug	identical to standard version
Protection of connector	IP 40	IP 67	IP 40	identical to standard version
Temperature values used for a standard calibration certificate	-18°C, +6°C, +22°C			+30°C, +37°C, +50°C
Temperature values used for a standard calibration certificate and checking report	-40°C, 0°C, +40°C			+30°C, +37°C, +50°C
Temperature values used for a gauging certificate	-32°C, +75°C			+30°C, +50°C
Preferred application	integration in chamber through door gasket	integration in chamber through door gasket	ambient temperature	incubator

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Connection



Plug connector : available with 3m or 40cm cable



Plug connector with extension lead

Options

Part nb.		
11215	3m extension lead	T digital probe with IP 67 connector
11216	12m extension lead	T digital probe with IP 67 connector
10922	3m extension lead	T digital probe with IP 40 connector
10923	12m extension lead	T digital probe with IP 40 connector