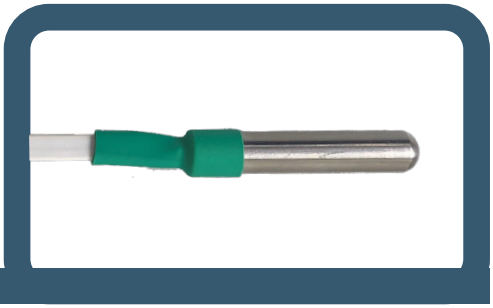
Temperature Digital Probe
Digital Sensor Evolution X²

A drift managed

for a better monitoring of your equipments



Non contractual picture

Presentation

The Digital Sensor Evolution X² is a digital temperature sensor with a low drift (type ≤0.1°C) after one year of use. It has an internal memory storing its calibration coefficients. Interchangeable, it allows calibration to be carried out by simple exchange or using the JRI MySirius Calibration module without interrupting equipment monitoring. The data from a metrological operation is automatically transferred to the JRI software.

This designer digital probe for X2 modelling is compatible with LoRa SPY Digital and Nano SPY Digital loggers.

non contractual photo of a 13550 4 probe on a Nano SPY D (Ref. 13491)

Technical features

	STANDARD MODELS		
			
Part nr.	**12350 4**	**12349 4**	**12348 4**
Description	**DIGITAL SENSOR X² T Ø9x36mm (-40°C +80°C) FLAT CABLE 3m**	**DIGITAL SENSOR X² T Ø9x36mm (-40°C +80°C), 0.7m FLAT CABLE WITH IP67 CONNECTOR**	**DIGITAL SENSOR X² T Ø9x36mm (-40°C +80°C), ROUND CABLE Ø4x40cm**
Dimensions of sensor	Ø9x36mm - Stainless steel		
Protection of sensor	IP67		IP68
Type of cable	PVC flat cable 3m	PVC flat cable 0,7m	PVC rond cable Ø4x40cm
Type of connector	plug (direct) IP40	plug with extension lead IP67	plug (direct) IP40
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
Temperature range	from -40° to +80°C		
Measurement accuracy	±0,2°C from -40° to +50°C and ±0,25°C out of this range		
Resolution	±0,01°C		
Combined uncertainty	between 0,037°C et 0,06°C		
Temperature values used for a standard calibration certificate and checking report	-40°C, 0°C, +40°C		
Value of modeling points	-30°, 0°C, +30°C, +60°C		

FT 12350 4 EN B

JRI SAS
Logistics Pole / 2 Rue de la Voivre / PA Technoland / BP 21 / 25490 FESCHES LE CHÂTEL / France
SIRET 380 332 858 00030 - Ph. : +33 (0)3 81 30 68 04 / sales@group-mms.com

www.jri-corp.com

Head office: 16 Rue Louis Rameau / CS 90050 / 95872 BEZONS Cedex / France / APE 2651B / TVA FR 02 380 332 858