

Simple radio module

Standard internal probe

Applications: Module and probe used for monitoring ambient temperatures; it can also be used to monitor refrigerators and cold stores.



Technical specifications

Probe

Range of temperatures measured:	From -20°C to +50°C (-4°F to +122°F)
Type of probe:	Digital internal probe with serial number
Dimensions of the probe:	N/A
Length of the cable	N/A
Connector:	N/A
Measurement uncertainty:	0.5°C
Resolution:	0.0625°C
Calibration certificate:	Yes Optional
Index of protection:	N/A
Passage of the probe in the housing:	N/A

Radio Module

Dimensions and Weight:	120 x 40 x 30 mm 150 g
Memory:	3000 points for temperature measurements in the radio module (equivalent to 3 weeks of autonomy with a measurement interval of 10 minutes).
Temperature range for exposure of the module (functioning of the electronics of the radio module):	-20°C to 50°C (-4°F to +122°F)
Radiofrequency transmission:	Up to 700 metres (765.53 yards) in open spaces, from 25 metres (27.34 yards) to 100 metres (109.36 yards) in enclosed spaces (buildings), and up to 400 metres (437.45 yards) inside with 3 repeaters. Warning: if the module is installed inside a refrigerator, the distance should be divided by three.
User interchangeable battery:	Yes
Battery model:	LS14500 (Saft Mazda) - Lithium 3.6 v
Battery life expectancy:	Up to 1 year depending on the use
Index of protection:	IP 65
Affixing the radio module:	Via double-sided Velcro adhesive on the side of the apparatus.

Options

Mains power supply and battery:	Yes. 220V power supply for Europe, India, and Asia. 110V supply for the US range (North America, USA, and Canada). Mains adaptor with 1 metre cable.
Calibration certificate:	Calibration of the probe only in comparison with a Cofrac reference standard at 24°C. Available in option.
Easy readable LCD screen:	Display most recent temperature reading, battery level, performance of the wireless range and alert messages.