

TEMPERATURE SENSOR – Real-time Advanced Measurement Tool

The temperature sensor is a powerful advanced tool that provides real-time temperature measurement during the washing cycle and enables important KPIs tracking to increase the washing process efficiency. The temperature sensor is also used in other sectors where precise dosing and wireless connection is required.

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High-precision dosing depending on the heating rate

The temperature sensor tracks the heating rate inside the washing machine and controls the dosing of the detergents depending on the temperature and the stage of the washing cycle to activate the chemical properties most effectively.

Proof of disinfection on a new level

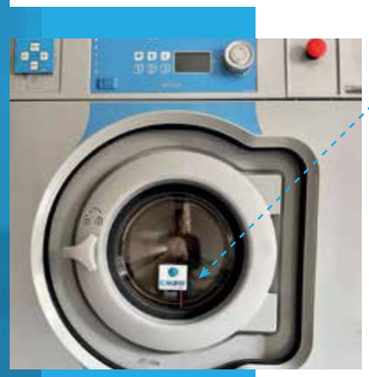
Combined with proof of delivery the dosing system with an integrated temperature sensor guarantees high-quality disinfection for optimized washing process.

Remote temperature monitoring via CM2W application

All temperature sensor configuration settings can be transferred to the CM2W application using wireless technology to easily monitor the temperature during the washing cycle fully remote and ensure maximum quality of service.

Quick and easy wireless integration

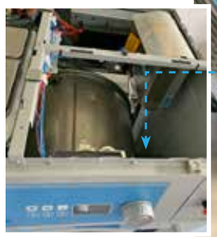
The temperature sensor could be integrated into the washing machine extremely easily using wireless connectivity. The laundry facility should be covered with radio frequency with an access point.



Option 1



Option 2





Temperature Sensor	FEATURES	VALUE / Additional Information
BASIC TECHNICAL INFORMATION	Dimensions	64mm (L) 60 mm (W) 20mm (H) / 0.21'' (L) 0.20''(W) 0.20'' (H)
	Weight	70/80 grams/0.18lbs
	Power supply	one battery (AAA) 3 years battery life when T° is reported every 20 seconds)
	RF Connectivity/Band (with CM2W platform)	RF 868MHz Europe / RF 915MHz US
	Outdoor Range (Direct Visibility)	250 meters
	In Building Range (Indirect Visibility)	from 50 to 100 meters (depends of the building constructions)
	Precision	0,5°C
	FOV (Field Of View)	88°
	Range for measurement of the sensor	from - 20°C to 100°C
	Other Requirements	Dosing Controler and Acess Point is a must

PATENTED TECHNOLOGY



Tunnel washing machines

The temperature sensor could be integrated in each section of the tunnel washing machine to monitor the heating rate in every stage of the washing cycle and ensure precise chemical dosing depending on the temperature.

Drying machines

You receive real-time information about the temperature in the dryers during drying of textiles in order to avoid overdrying and wrinkles due to prolonged drying time at high temperature.





Washer extractors

You rely on accurate chemical dosing by reaching a specific temperature during the washing process to activate the chemical properties most effectively. The temperature sensor provides real-time information about the heating rate and sends an immediate alarm about any deviation.



Industrial freezer rooms

You can monitor the temperature in freezers and freezer rooms in hotels and other industrial facilities and receive immediate notifications if the temperature has dropped below certain degrees in order to prevent large losses of resources.