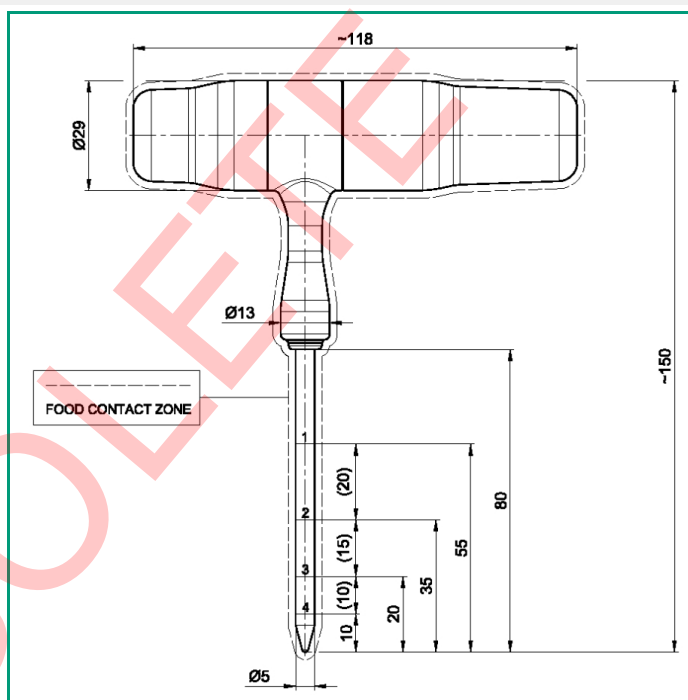**EVO014**
Rev. 1 - 13/01/2025

EVOWL-Tx

Wireless temperature probe

Innovative, smart temperature probe with wireless communication, IP67 housing and operating temperature from -40° to 85°C; the stem has 4 sensors placed at different positions to detect the temperature of core. Ideal to monitor the temperature inside of blast chillers, tunnel refrigerators, showcases, wherever it is necessary to monitor the temperature continuously in order to certify their maintenance.

TECHNICAL SPECIFICATION

Electronic board input	4 digital sensors
Temperature measurement points	4 points at different metal stem heights
Sensor distance	10 mm 20 mm 35 mm 55 mm
Accuracy (*) **(*) @25°C**	± 0.3 °C between -40÷85 °C / ± 1 °C throughout entire range
Sensing element operating temperature range	-40 ÷120°C
Power supply	lithium battery CR1632 3Vdc, 137 mAh with extended temperature range (replaceable by the user)
Power consumption	3µA
Battery lifetime	2 years Battery lifetime depends on the recording interval, communication frequency and room temperature. The estimated battery lifetime is calculated using a new battery in normal operating conditions and is in no way intended as a battery lifetime warranty.
Transmission frequency	434,4 MHz (PPM - pulse position modulation)
Transmission range	10 metres without obstacles

ITALCOPPIE SENSORI srl
Via A. Tonani, 10 - Fraz. S. Giacomo al Campo
26030 Malagnino (CR) - Italy
www.italcoppie.com

WE SENSE
TEMPERATURE

TECHNICAL SPECIFICATION

Transmission time	30 seconds / 7 seconds with variations >0.3 °C between one of the 4 sensors. The stated transmission time refers to use of the entire device between 20 °C and 85 °C; for temperatures below 20 °C the transmission period may vary up to 45 seconds
ID (*) **(*) (Identification code)**	4 digits in hexadecimal format
Body operating range	-40 ÷85 °C
Operating humidity	0 ÷100%
Weight	about 60 gr (battery included)
International protection marking (*) **(*) According to IEC 60529**	IP67
Option	for battery replacement, use only the EVO020 maintenance kit a version with different gaps between the sensors is available on request (5 mm - 120 mm - 240 mm - 345 mm)
FCM Prescriptions	Before the use is required to wash the food contact areas
Contact food type	all the foods
Materials in contact with food	AISI 316L WHITE POM-C BLACK PP
Type of contact	short and frequently
Area suitable for contact	see specific drawing
Contact food temperature range	-40 ÷80°C

ORDER CODES

EVO014

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