



## DECLARATION OF COMPATIBILITY

between **ECOLAB** hygiene products  
and **IFM Electronic**

**For the completely safe cleaning of your plant**



**The ideal partner to provide industrial sensors.**



The declaration proves the high resistance of these materials to Ecolab products commonly and worldwide used in Food and Beverage Industries.

*IFM Electronic GmbH*

Friedrichstraße, 1 – 45128 Essen - GERMANY



**Supplier of hygiene solutions for Food and Beverage industries**

### *Products*



### *Equipments*



### *Services*

*ECOLAB Srl*

Via Trento 26 – 20871 Vimercate – MB- ITALY



**Compatible products with ULTRASONIC SENSOR UIT3\*\* Family produced by IFM ELECTRONIC Gmbh**

The evaluation has been carried out according to the DIN EN ISO 4628-1 standard (please see the complete standard in attachment).

ECOLAB PRODUCT	%	SENSOR	DEFECT AMOUNT	DEFECT SIZE	COLOR CHANGE	SENSOR	DEFECT AMOUNT	DEFECT SIZE	COLOR CHANGE	SENSOR	DEFECT AMOUNT	DEFECT SIZE	COLOR CHANGE
TOPAZ MD3	5%	UIT 300	0	0	0	UIT 301	0	0	0	UIT 302	0	0	0
P3-TOPACTIVE DES	5%	UIT 300	0	0	0	UIT 301	0	0	0	UIT 302	0	0	0
TOPAZ AC3	5%	UIT 300	0	0	0	UIT 301	0	0	0	UIT 302	0	0	0
P3-TOPAX 66	5%	UIT 300	0	0	0	UIT 301	0	0	0	UIT 302	0	0	0
P3-TOPAX 990	5%	UIT 300	0	0	0	UIT 301	0	0	0	UIT 302	0	0	0
TOPACTIVE 200	5%	UIT 300	0	0	0	UIT 301	0	0	0	UIT 302	0	0	0

**LEGEND:**

Amount of defects 0 = There are no detectable defects
Amount of defects 1/2 = Between scarce and few defects
Size of defects 0 = No defects are visible at 10x magnification
Size of defects 1 = Defects visible at 10x magnification, not visible at human eye
Color variation 0 = Unchanged, no perceptible change
Color variation 1 = Slight but perceptible variation

**Test procedure**

- Test performed by Ecolab Technical Application Service
- Ecolab reference method 40.1 – ISO 4068-1 for the evaluation
- Full immersion of parts in detergent/disinfectant solutions
- Water hardness: 20°f (+/- 2°f)
- 28 days total time at 20°C (equivalent to the contact time that occurs in 6 years of daily cleaning)
- Concentration tested is the one normally recommended

**Final statement**

- *The Ecolab Technical Application Service Italy certifies that the material tested*

**ULTRASONIC SENSOR UIT 3\*\***

*produced by IFM Electronic Gmbh is perfectly compatible with the following Ecolab products:*

Type of Detergent /Disinfectant	Product name	DILUTION %
Alkaline-chlorine based foam	p3-Topax 66	5
Alkaline foam detergent	Topaz MD3	5
Acid foam detergent	Topaz AC3	5
Acid foam disinfectant	p3-Topactive DES	5
Neutral foam disinfectant	p3-Topax 990	5
Alkaline detergent	Topactive 200	5