

## DECLARATION OF COMPATIBILITY

between **ECOLAB** hygiene products  
and **Leuze electronic** safety switches RFID technology

### For the completely safe cleaning of your plant

**Leuze electronic**  
the **sensor** people

Is one of the leading European manufacturers for sensor solutions in the industrial automation, offering a wide range of products such as switching and measuring sensors, safety sensors, safety switches and safety modules.

#### RD 800 series safety switches

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

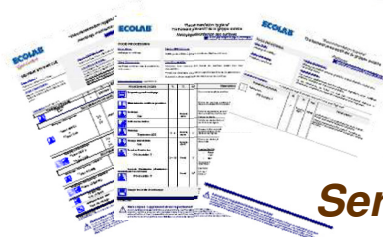
**ECOLAB®**

Supplier of hygiene solutions for  
Food and Beverage industries

#### Products



#### Equipments



#### Services

## Chemicals compatible table with RD 800 series safety switches and safety sensors with RFID technology

See below for the test procedure

PRODUCT	%	SENSOR TYPE	DEFECT QUANTITY	DEFECT QUALITY	COLOR VARIATION
Topaz MD5	6	- RD 800 series	0	0	0
Polix Chlorant	2 ppm as free Cl <sup>2</sup>	- RD 800 series	0	0	0

DEFECT QUANTITY: 0 means - No detectable defect  
 DEFECT QUALITY: 0 means - Up to 10x magnification no detectable defect  
 COLOR VARIATION: 0 means – Unchanged, no discoloration

### 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 of 200ppm CaCO<sub>3</sub>
- 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
- Test solution renewed every 3-4 days for oxidizing products (Polix Chlorant)

### Final statement

- **The Ecolab Technical Application Service Italy certifies that the Leuze electronic safety switches RFID technology type**

**- RD 800 series**

*are perfectly compatible with Ecolab detergents and disinfectants as indicated above.*