DECLARATION OF COMPATIBILITY
between ECOLAB hygiene products
and PIZZATO ELETTRICA safety switches RFID technology

For the completely safe cleaning of your plant

Is one of the leading European manufacturers of position switches, microswitches, safety devices, safety modules, foot switches, control and signalling devices, and devices for elevators.

Supplier of hygiene solutions for Food and Beverage industries

Products

NS series safety switches

Equipments

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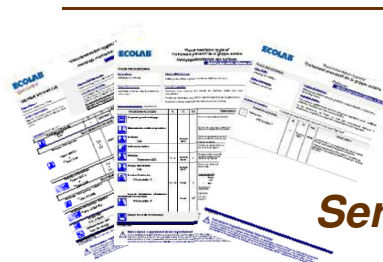
Services

Pizzato Elettrica S.r.l.
Via Torino, 1 – 36063 Marostica (VI), Italy
www.pizzato.com

Ecolab s.r.l.
Via Trento 26 – 20871 Vimercate (MB)
www.it.ecolab.eu

Chemicals compatible table with NS 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	- NS series	0	0	0
Polix Chlorant	2 ppm as free Cl^2	- NS series	0	0	0
P3-topactive DES	3	- NS series	0	0	0
Topaz AC5	6	- NS 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$_3$
- 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 and P3-topactive DES)

Final statement

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

    - NS series

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