



**Ecolab Deutschland GmbH  
Ecolab Allee 1  
D-40789 Monheim am Rhein**

certifies that for

**Wachendorff Automation GmbH & Co. KG  
Industriestr. 7  
65366 Geisenheim  
Germany**

### **material resistance tests**

were performed with cleaning/disinfecting substances **Topactive 200, Topactive 500, Topactive OKTO, P3-topax 66, P3-topax 990** and demineralized water as a zero reference factor.

The material resistance of the tested

- **Encoder WDG/WDGA 58V**

to the Ecolab products used in the test can be considered to be positive according to the cleaning procedure mentioned overleaf.

Monheim am Rhein, 22<sup>nd</sup> February 2021

**Ecolab Deutschland GmbH**

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**This certificate is based on:**

- documented test procedures (test no.: F&E/P3-E Nr. 40-1) according to material resistance
- defined product descriptions
- test report for the Ecolab certification carried out at SLG Prüf- und Zertifizierungs GmbH, 15.02.21 (Protocol No. 6054-20-GG-21-PP001)

**Test procedure  
Ecolab-test F&E Nr. 40-1**

**Test material:**

- T18-2VPDS-2M sensor with integrated cable

**Dipping test:**

- Complete immersion in solutions/liquid

**Test period:**

- 28 days

**Temperature:**

- room temperature (constant)

**Analysis:**

- Visual judgement like swelling, brittleness, discoloring
- compared to zero-reference factor (demineralized water)
- Photo documentation
- Function test

**Product specifications:**

**Topactive OKTO**

Acid disinfectant based on peracetic acid/hydrogen peroxide for the food and beverage industries

**P3-topax 66**

Alkaline foam detergent sanitizer with available chlorine for the food and beverage industries

**P3-topax 990**

Mild-alkaline, chlorine-free sanitizer for the food and beverage industries

**Topactive 200**

Alkaline, chlorine-free foam cleaner for the food and beverage industry

**Topactive 500**

Acid foam cleaning substance for the food and beverage industries

**Cleaning plan for food and beverage industry\***



**Rinsing with water 40 – 50°C**

Rinsing with low pressure. Rinsing from top to bottom in the direction of the drains.  
Cleaning of the drains



**Foaming from bottom to top**

alkaline:	Topactive 200 or P3-topax 66	2 - 5 % daily
acid:	Topactive 500	2 % on demand
temperature:	cold up to 50°C	
contact time:	15 min. recommended	



**Rinsing with water 40 – 50°C**

Rinsing from top to bottom with low pressure



**Foam disinfection**

	Topactive OKTO	1 -3%, 10-30 min
alternative	P3-topax 990	1-3 %, 15-60 min



Rinse with potable water after disinfection!

\*short description The final step of a cleaning regime is always a thorough water rinse!