



Ecolab Deutschland GmbH
P.O. Box 13 04 06
D-40554 Düsseldorf

certifies that for

SICK AG
Division Industrial Sensors
Erwin-Sick-Str. 1
D-79183 Walkdkirch

material resistance tests

were performed with cleaning/disinfecting substances **P3-topactive 200, P3-topactive DES, P3-topax 56, P3-topax 66, P3-topax 99** and demineralized water as a zero reference factor.

The material resistance of the tested

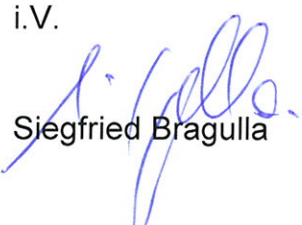
Sensor series W11-2

to the P3 products used in the test can be considered to be positive according to the cleaning procedure mentioned overleaf.

Düsseldorf, 4th December 2008

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
- standardized cleaning procedure

Test procedure

Ecolab-test F&E Nr. 40-1

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

* Based on Test report 34-08 / 04.12.2008

Product specifications:

P3-topactive DES

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

P3-topactive 200

Alkaline, chlorine-free foam cleaner in the food and beverage industries

P3-topax 56:

Acid foam cleaning substance for the food and beverage industry

P3-topax 66:

Alkaline foam cleaning detergent with active chlorine for machine cleaning in the food and beverage industry

P3-topax 99

Neutral disinfectant for the food and beverage industry

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: P3-topax 66 2 – 5 % daily

alternative P3-topactive 200 3-5 % daily

acid: P3-topax 56 2 % on demand

temperature: cold up to 40°C

contact time: 15 min. recommended



Rinsing with water 40 – 50°C

Rinsing from top to bottom with low pressure

Spray/Foam disinfection P3-topax 99 1-2 %, 30-60 min

Foam disinfection P3-topactive DES 1-3 %, 10-30 min

*short description