

Evolution ...



... Revolution!



TURCK

Industrielle
Automation

ECOLAB

Ecolab GmbH & Co. OHG
P.O. Box 13 04 06
D-40551 Düsseldorf

Herewith Certifies for the Client

Hans Turck GmbH & Co. KG

Witzlebenstrasse 7

D-45472 Mülheim an der Ruhr

That a

Material Resistance Test

was carried out with the cleaning agents/disinfectants **P3-topax 52, P3-topax 66, P3-topax 91 und P3-topactive 200**, as well as demineralized water as zero value.

The compatibility and suitability of the material of the tested and inspected **uprox+ sensors of the WD series** and the **connectors of the FB series** with the P3 products used in the test and under the test conditions mentioned overleaf has been positively assessed.

Düsseldorf, 9 March 2005

Ecolab GmbH & Co. OHG

i.V.

Thomas Tyborski

i. V.

Reimund Laaff

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This certificate is based on

- a documented test procedure to verify material resistance
- defined product specifications
- a standardised cleaning method

Test procedure: Ecolab R&D-P3-E No. 37

Withstand and immersion test:

- Complete immersion in the test medium

Test duration:

- 14 days

Temperature:

- Room temperature (20 ° C)

Evaluation:

- Gravimetric analysis in regard to 1/10000g; calculated in corrosion per time and m², or mass differential in %
- Visual assessment such as swelling, embrittlement, a change of colour
- Comparison with the zero value (de-mineralised water)
- Photographic documentation in test report

Product specifications*:

P3-topactive 200

Alkaline cleanser TFC-
procedure (Thin Film Cleaning)

P3-topax 52

Acrid foam cleanser

P3-topax 66**

Alkaline foam cleanser and disinfectant,
Basis: active chlorine

P3-topax 91**

Slightly alkaline spray disinfectant

* The complete indications can be taken from
Ecolab product data sheets

** The safe use of disinfectants is indispensable. Prior
to use please read all product marking and information.

Cleaning method for the food processing industries*



Pre-cleaning with water with a temperature of 40 – 50°C

Low-pressure cleaning from top to bottom in direction of
the gully.



Foam-cleaning from top to bottom

alkaline: P3-topactive 200 2 – 4 % daily
acid: P3-topax 52 2 % upon demand
Temperature: cold up to 40°C

Contact time

A contact time of approx. 15 min. is recommended.



Final cleaning process with drinking water with a temperature of 40 – 50°C

Low-pressure cleaning from top to bottom