

Attestation of conformity
regarding the hygiene suitability of assembled final products for drinking water (P1)

Registration number: Z-346843-21-Hy112 Rev. 01 (translation)

Certificate holder: SIKA Systemtechnik GmbH
Struthweg 7 – 9
34260 Kaufungen
Germany

Assembled products: SIKA Turbine flow sensors types
VTY

Code of articles covered by certificate:

Standard Series: VY**abcdefghijkl**

ab: Nominal size (DN 10, 15, 20, 25)
cd: Flow range (various, e.g. 30 = 1...30 l/min)
ef: Material of pipe section/housing
(K5 = Noryl FE1630PW-73701, MA = Brass CW617N-DW, MK = Brass CW724R)
gh: Sensor output signal (00 = without, HN = NPN open collector)
ij: Electrical connection (various, 00...99 or AA...ZZ)
kl: Process connection (A3 = G1/2-male, A4 = G3/4-male, A5 = G1-male, A6 = G1 ¼-male, Q1 = QuickFasten, YY = without – only internal turbine system)

Customized Series: VY**abcdefyyyyyyzz**

ab: Nominal size (DN 10, 15, 20, 25)
cd: Flow range (various, e.g. 30 = 1...30 l/min)
ef: Material of pipe section/housing
(K5 = Noryl FE1630PW-73701, MA = Brass CW617N-DW, MK = Brass CW724R)
yyyyy: Name of customer (5 digits, e.g. SCHMI, MUELL, ...)
zz: Consecutive number of the customized versions (2 digits, 01...99)

Customized Series: VY**abcdeyyyyyyzz**

ab: Nominal size (DN 10, 15, 20, 25)
cd: Flow range (various, e.g. 30 = 1...30 l/min)
e: Material of pipe section/housing (K = Noryl FE1630PW-73701, M = Brass CW617N-DW)
yyyyy: Name of customer (5 digits, e.g. SCHMI, MUELL, ...)
zz: Consecutive number of the customized versions (2 digits, 01...99)

The customized versions are technically identical with the standard series regarding all parts/components in contact with drinking water.

The certification is based on

- the „Attestation of conformity of drinking water hygienic suitability - procedure 1+ system” of the certification body HyCert im Hygiene-Institut des Ruhrgebiets in the version of 08-09-2020
- the Recommendation for Attestation of Conformity of product hygiene suitability for drinking water of the German Environment Agency (UBA) of 07-29-2021

as well as on the following informations provided by the certificate holder

- product information,
- test documents and
- formulation data.

We confirm that all components used in the assembled products listed above meet the requirements of the

- **Evaluation criteria for metallic materials**
- **Evaluation criteria for organic materials**
- **Evaluation criteria for enamels and ceramic materials**
- **Elastomer Guideline**

in the temperature area **23 °C** and **85 °C**.

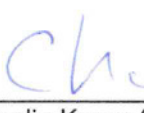
This certificate is valid beginning with the date of issue and is ending by **06.05.2027.**

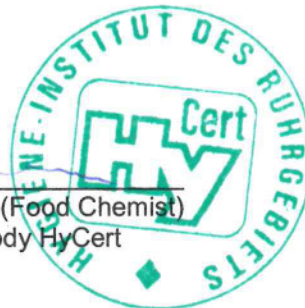
In case of translations, the date of issue of the original shall apply

The Director of the Hygiene-Institute
on behalf of

06.05.2022

Date


Claudia Karau (Food Chemist)
Certification body HyCert



The materials and components listed in the appendix "Applicable documents" belonging to this document are the basis of this certificate.

In case of changes of formulations or manufacturing conditions, the document loses its validity. The annex contains confidential information on the underlying test documents and does not have to be published by the certificate holder. However, the certificate holder is obliged to refer to the valid areas of application in a suitable manner when passing on the certificate.

For assembled products, the scope of application of the material or component with the most extensive restrictions corresponds to the scope of application of the entire product.

The confirmation of conformity was made under the condition that the raw materials used for the manufacture of the product or their composition were fully disclosed and that no other substances are contained in the product. The validity of this document expires in case of changes in material composition or manufacturing conditions not agreed with the certification body, as well as in case of non-compliance with the conformity requirements and termination of the 1+ system surveillance program of the certification body and the manufacturer.

The results of our tests and the assessments apply to the test items examined and the legal requirements in force at the time of certification. This document may only be published or reproduced in complete and unaltered form without our express written permission.