



## Product certificate K85547/04

Issued 2021-03-15

Replaces K85547/03

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### Water meters

#### STATEMENT BY KIWA

With this product certificate, issued in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the products supplied by

### Siemens AG

as specified in this product certificate and marked with the Kiwa®-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with Kiwa evaluation guideline

**BRL-K618:** "Water meters" dated 2018-01-15 and **BRL-K618 [A1]** dated 2020-07-07

which covers the requirements of

**EN-ISO 4064-1: 2017:** "Water meters for cold potable water and hot water - Part 1: Metrological and technical requirements".

Ron Scheepers  
Kiwa

*Publication of this certificate is allowed.*

*Advice: consult [www.kiwa.nl](http://www.kiwa.nl) in order to ensure that this certificate is still valid.*

# CERTIFICATE

207180711

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Certification process  
consists of initial and  
regular assessment of:

- quality system
- product

## Water meters

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### PRODUCT SPECIFICATION

The products mentioned below belong to this technical approval-with-product certificate

#### Magnetic inductive flow water meter

- MAG 5100 W with MAG 5000 CT or MAG 6000 CT, DN50-2000, MAP 16 bar
- MAG 3100 with MAG 5000 CT or MAG 6000 CT, DN25-2000, MAP 16 bar
- MAG 8000 CT, DN50-600, MAP 16 bar

#### Fitness for contact with drinking water

This product is approved on the basis of the requirements for hygienic aspects set in the "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" ("Materials and chemicals in the supply of drinking water and warm tap water Regulation" dated 01-07-2017; published in the Government Gazette).

These hygienic aspects are based on two main criteria. The product shall permanently comply with:

- The product recipe approved during the assessment procedure. This recipe is not to be changed without prior approval by Kiwa according to the Kiwa approval procedure for the hygienic aspects;
- Specific product requirements for the hygienic aspects.

The recipe and specific product requirements are laid down in the for confidentiality reasons undisclosed 'appendix hygienic aspects' to this certificate.

### MARKING

The Kiwa®-mark products are marked with the word mark "KIWA" 

Place of the mark: on the outside of the water meter

Compulsory specifications:

- Unit of measurement: (m<sup>3</sup>);
- Numerical value of Q<sub>3</sub>;
- Ratio Q<sub>3</sub>/Q<sub>1</sub>, preceded by "R", i.e. "R160";
- Ratio Q<sub>2</sub>/Q<sub>1</sub>, (where it differs from 1,6);
- MAP (where it differs from 1 MPa (10 bar));
- Direction of flow by an arrow
- The letter V or H, if the meter can only be operated in the vertical or horizontal position;
- MAT, (where it differs from T30);
- Pressure loss class (where it differs from ΔP 63);
- Classes on sensitivity to irregularities in velocity field;
- The name or trademark of the manufacturer;
- Year of manufacture, last 2 digits
- Serial number, as near as possible to the indicating device;
- The pattern approval sign according to European regulations;
- Climatic and mechanical environment: severity level;
- EMC Class;
- Output signals for ancillary devices: type/levels if any;
- External power supply requirements: voltage – frequency.

Method of marking:

- Non-erasable;
- visible after assembly.

### APPLICATION AND USE

The products are intended to be used in closed and filled drinking water installations in order to measure quantities of water flowing through per time and in total with a maximum water temperature of 50°C.

## Water meters

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### **RECOMMENDATIONS FOR CUSTOMERS**

Check at the time of delivery whether:

- the supplier has delivered in accordance with the agreement;
- the mark and the marking method are correct;
- the products show no visible defects as a result of transport etc.

If you should reject a product on the basis of the above, please contact:

- Siemens AG
- and, if necessary,
- Kiwa Nederland B.V.

Consult the supplier's processing guidelines for the proper storage and transport methods.