



## Product certificate K101645/02

Issued 2020-04-15

Replaces K101645/01

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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

### Diehl Metering S.A.S.

as specified in this product certificate and marked with the Kiwa<sup>®</sup>-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" d.d. 2018-01-15

as well as

**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

286180711

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#### Company

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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

Altair V4 DN15/165 composite and brass body ( $Q_3=2,5 \text{ m}^3/\text{h}$   $160 \leq R \leq 800$ )

Altair V4 DN20/190 brass body ( $Q_3=2.5\text{m}^3/\text{h}$   $160 \leq R \leq 500$  or  $Q_3=4\text{m}^3/\text{h}$ ,  $160 \leq R \leq 630$ )

Altair V4 DN20/190 composite body ( $Q_3=2.5\text{m}^3/\text{h}$ ,  $160 \leq R \leq 500$  or  $Q_3=4\text{m}^3/\text{h}$   $160 \leq R \leq 630$ )

Auriga DN15 brass body ( $Q_3=2,5 \text{ m}^3/\text{h}$   $80 \leq R \leq 160$ )

Auriga DN20 brass body ( $Q_3=4,0 \text{ m}^3/\text{h}$   $80 \leq R \leq 160$ )

Auriga DN25 brass body ( $Q_3=6,3 \text{ m}^3/\text{h}$   $80 \leq R \leq 200$ )

Auriga DN32 brass body ( $Q_3=10 \text{ m}^3/\text{h}$   $80 \leq R \leq 200$ )

Auriga DN40 brass body ( $Q_3=16 \text{ m}^3/\text{h}$   $80 \leq R \leq 200$ )

### 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 meter or identification plate

Compulsory specifications:

- unit of measurement: cubic metre ;
- the numerical value of  $Q_3$  ;
- the ratio  $Q_3/Q_1$ , preceded by "R";
- the ratio  $Q_2/Q_1$ , where it differs from 1,6 ;
- the MAP if it differs from 1 MPa (10 bar)<sup>2</sup> ;
- direction of flow (shown on both sides of the body);
- the letter 'V' or 'H', if the meter can only be operated in the vertical or horizontal position;
- the MAT, where it differs from T30;
- pressure loss class, where it differs from  $\Delta P 63$  ;
- classes on sensitivity to irregularities in velocity field ;
- the name or trademark of the manufacturer;
- year of manufacture (last 2 digits) and 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 .

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 the quantities of water flowing through per unit of time and totalised, 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:

- Diehl Metering S.A.S.

and, if necessary,

- Kiwa Nederland B.V.

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