



Product certificate K20563/09

Issued 2024-03-01

Replaces K20563/08

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Expansion groups

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

PenTec Snelrewaard B.V.

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-K630 "Expansion groups and expansion valve", dated 01-12-2018

Which covers the requirements of

EN 1488: 2000 "Building valves - Expansion groups - Tests and requirements"

Ron Scheepers
Kiwa

Publication of this certificate is allowed.

Advice: consult 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

Expansion groups

PRODUCT SPECIFICATION

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

Expansion groups NEN-EN-1488

Ubic 15

- With corresponding interrupting device
- Nominal size DN 15
- Nominal set pressure 600, 800 and 1.000 kPa
- Mark on the body (Ubic- AG I_ KIWA – DN 15 – PenTec – arrow)
- Acoustic classification AG I
- Compression fittings

Ubic 22

- With corresponding interrupting device
- Nominal size DN 20
- Nominal set pressure 600, 800 and 1.000 kPa
- Mark on the body (Ubic- AG I_ KIWA – DN 20 – PenTec – arrow)
- Acoustic classification AG I
- Compression fittings

BFKR DN 15

- With corresponding interrupting device
- Nominal size DN 15
- Nominal set pressure 600, 800 and 1.000 kPa
- Mark on the body (BFKR - KIWA – DN 15 – PenTec – arrow)
- Acoustic classification AG II
- Compression fittings

MIC/D-MIC combination tap (volgens EN 200:1989) with expansion group

nominal size, DN 15 (G1/2")

- Nominal set pressure 600, 800 and 1.000 kPa
- Acoustic classification AG II
- Hydraulic class A

Expansion groups

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 body

Compulsory specifications:

- manufacturer's name or mark;
- nominal size DN;
- nominal set pressure P_{nr} ;
- arrow showing the direction of flow of the supply;
- markings for the various operating positions of the control elements;
- manufacture date (month and year) or code;
- acoustic classification ;
- model reference;

DZR marking (if applicable).

Method of marking:

- Non-erasable;
- visible after assembly.

APPLICATION AND USE

Expansion groups in nominal sizes DN 8 up to and including DN 100 are to be applied in drinking water installations with a upstream pressure of 1.000 kPa and a maximum water temperature of 90 °C (for hot water applications).

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:

- PenTec Snelrewaard B.V.

and, if necessary,

- Kiwa Nederland B.V.

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