

# SINTEF Product Certificate

## No. 3468

Issued: 04.09.2018

Renewed: 05.09.2023

Valid until: 01.10.2028

Provided listed on

[www.sintefcertification.no](http://www.sintefcertification.no)

SINTEF confirms that

### Danfoss EV210BW, EV220BW, EV221BW, EV228BW and EV250BW solenoid valves

complies with the requirements in

- › **NKB Product Rules no. 13, Clause 3.2 – 3.6**
- › **NT VVS 100, Clause 6.4.2 and 6.4.8 (\*)**



#### Certificate holder

Danfoss A/S  
Nordborgvej 81  
6430 Nordborg, Denmark

#### Manufacturer

Danfoss Poland Sp. z o.o.  
ul. Chrzanowska 5  
05-825 Grodzisk Mazowiecki, Poland

#### Factory production control

The manufacturing of the product is subject to factory production control in accordance with the provisions in EN ISO/IEC 17065.

#### Product description

Danfoss solenoid valves for drinking water made of dezincification resistant brass or stainless steel. The following models and dimensions are included:

- › EV210BW – G1/8" (DN1,5 - 2,0 - 3,0), G3/4" (DN1,5 - 2,0 - 3,0 - 4,5 - 6,0) and G3/8" (DN3,0 - 4,5 - 6,0)
- › EV220BW – G1/2" (DN15), G3/4" (DN20), G1" (DN25), G1 1/4" (DN32), G1 1/2" (DN40) and G2" (DN50)
- › EV221BW – G3/8" (DN10), G1/2" (DN10), G1/2" (DN14), G3/4" (DN20) and G1" (DN22)
- › EV228BW – G1/2" (DN15), G3/4" (DN20), G1" (DN25), G1 1/4" (DN32), G1 1/2" (DN40) and G2" (DN50)
- › EV250BW – G3/8" (DN10), G1/2" (DN12), G3/4" (DN18) and G1" (DN22)

G = thread connections / DN = orifice in mm

#### Performance requirements in TEK

##### Working pressure

The product meets the performance requirements at normal working pressure.

The product has been tested for 16 bar water pressure.

##### Effect on drinking water

The product does not submit substances which reduce drinking water quality or cause danger to health.

The product has been tested for release of heavy metals to drinking water according to NKB Product Rules no. 13.

#### Other requirements

##### Marking

The product may be marked with the SINTEF certification mark as shown above. The mark may also be used on packaging and marketing materials concerning the certified product.

##### Dezincification resistance

The product has been tested for dezincification resistance according to EN ISO 6509.



Anne-Jorunn Enstad  
Certification Manager

