



This certifies that

DANFOSS A/S

has had the undermentioned product(s) examined, tested and certified as being of an appropriate quality and standard as required in the Water Supply (Water Fittings) Regulations and Scottish Water Byelaws, subject to scheme requirements being met when installed.

Model Numbers

132U1001 (EV221BW 10BE G38E NO000), 132U1003 (EV221BW 10BE G12E NO000), 132U1301 (EV221BW 14BE G12E NO000), 132U2003 (EV221BW 20BE G34E NO000) & 132U2201 (EV221BW 22BE G1E NO000) SOLENOID VALVES.

The certificate by itself is not evidence of a valid WRAS Approval. Confirmation of the current status of an approval must be obtained from the WRAS Approvals Directory (www.wras.co.uk/directory)

The product so mentioned will be valid until the end of:

May 2027

Certificate No.

2205078

A handwritten signature in blue ink, appearing to read 'Ian Hughes', written in a cursive style.

Ian Hughes,
WRAS Approvals Manager

APPROVAL INFORMATION

Validity dates:	This approval is valid for fittings (as listed below in model) manufactured AND installed between May 2022 & May 2027
Section Number:	2230
Section title:	VALVES SOLENOID, METAL.
Installation requirement notes:	R001 (IRN's are set out in Appendix A)
Product description:	EV221BW range of normally open solenoid valves with brass bodies, EPDM diaphragms and 'O'-rings. Maximum working pressure 10.0 bar. Maximum operating temperature 85°C.
Note:	The products must only be used with Danfoss branded coils.
Size:	See model.
Identification Marking:	132U1001, 132U1003 and 132U2201 models: Danfoss and flow arrow on body Product name, description, product code and date of manufacture (MM/YY) on armature tube. 132U1301 and 132U2003 models: Flow arrow on body. Danfoss, product name, description, product code and DOM (MM/YY) on armature tube.
Factor:	Danfoss A/S
Model:	132U1001 (EV221BW 10BE G38E NO000): 3/8" BSP (F) inlet and outlet, 132U1003 (EV221BW 10BE G12E NO000): 1/2" BSP (F) inlet and outlet, 132U1301 (EV221BW 14BE G12E NO000): 1/2" BSP (F) inlet and outlet, 132U2003 (EV221BW 20BE G34E NO000): 3/4" BSP (F) inlet and outlet, 132U2201 (EV221BW 22BE G1E NO000): 1" BSP (F) inlet and outlet.

APPENDIX A

INSTALLATION REQUIREMENTS & NOTES

You are advised to draw customers' attention to the installation requirements and notes set out below which must be followed to ensure that the fittings described above are installed in accordance with the requirements of the Regulations and Byelaws:

IRN R001

See text of entry for Installation Requirements or Notes.