

**Danfoss A/S**

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**MANUFACTURER'S DECLARATION**

**Danfoss A/S**  
Industrial Refrigeration

declares under our sole responsibility that the product(s) covered by this declaration is in conformity with the following directive(s), standard(s) or other normative document(s), provided that the product is used in accordance with our instructions.

The manufacturer's declaration is valid for all below listed products and the released refrigerants for the actual product acc. to Danfoss Product Store or Coolselector2

A	Stop Valves	SVA-S/L, SVA-SS, SVA-DH/DL, SNV
A	Filters FIA	FIA, FIA-SS, FIA 65B, FIA 140B
A	Check Valves	NRVS
A	Check Valves	NRVA
A	Pilot valve housing welded	CVH

B	Regulating Valves - REG	REG, REG-SS
B	Stop Check Valves - SCA	SCA, SCA-SS
B	Check Valves - CHV	CHV, CHV-SS
B	Overflow valves - OFV	OFV, OFV-SS
B	Float Valves	HFI
B	Float Valves	SV
B	Pilots for ICS Valves	CVP-L/M/H, CVPP-L/M/H, CVC-L/M/H
B	Safety Valves	SFA, SFA-H
B	Safety Valves	SFV
B	Safety Valves	BSV
B	Change Over Valves for Safety Valves	DSV
B	Safety Valves	POV

Valves which can be mounted with electrically pilots / equipment

C	Main Valves (control valves)	ICS 1, ICS 3, ICLX
C	Main Valves (control valves)	PMC
C	Pilots for ICS Valves	EVM
C	Electrically operated expansion valve	AKVA
C	Solenoid Valves	EVRS, EVRST
C	Solenoid Valves	EVRA, EVRAT

Date: 2023.09.04 <b>Place of issue:</b> DK6430 Nordborg	<b>Issued by</b> DocuSigned by: <b>Tomasz Siejka</b> Signature: 725C3C12E491414... <b>Name:</b> Name: Tomasz Siejka Title: Senior Design Engineer	Date: 2023.09.04 <b>Place of issue:</b> DK6430 Nordborg	<b>Approved by</b> DocuSigned by: <b>Jesper Kirkegaard</b> Signature: 02CE1A82330744A... <b>Name:</b> Name: Jesper Kirkegaard Title: Director Engineering
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Valves with special O-rings compatible with the specified refrigerants (Propylene) released for the actual product

D	Main Valves (control valves)	ICS 3E
D	Pilot float valve	SV3E
D	Pilots for ICS Valves	CVP-HPE, CVPE
D	Pilots for ICS Valves	CVCE, CVPPE
D	Pilots for ICS Valves	EVME

For the above listed valves, a hazard analysis to the directive ATEX 2014/34/EU has been carried out with the following result:

- This non-electrical equipment holds no potential ignition source in normal rated conditions incl. malfunctions
- The listed valves are **not covered by the scope of ATEX Directive 2014/34/EU**.
- The listed valves can be used in the categories:
  - II 3G, gas groups IIA and IIB (applicable in Zone 2)
  - II 2G, gas groups IIA and IIB (applicable in Zone 1)

**Note 1:** *Valves used for the above condition shall be installed and maintained according to the requirements in EN 378.*

**Note 2:** *End user shall avoid electrostatic discharge or make any impact to cause sparks in the application, service, or maintenance.*

**Note 3:** *Electronic / Mechanical actuators / pilots used to operate the above-mentioned equipment, has to undergo a separate conformity assessment.*

**Note 4:** *Products on this certificate are grouped in the following groups:*

- A. *Products that are refrigerant neutral*
- B. *Products that have sealing elements that is dependent on the actual refrigerant*
- C. *Products that have sealing elements that is dependent on the actual refrigerant and which can be mounted with electrically pilots / equipment*
- D. *Products that with special O-rings compatible with the specified refrigerants e.g. Propylene. The products may also be mounted with electrically pilots / equipment*

#### Reference to standards and directives:

EN ISO 80079-36:2016

EN 378:2016

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