



**Danfoss A/S**

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**MANUFACTURER'S DECLARATION**

**Danfoss A/S**

**Danfoss Cooling Segment**

Declares under our sole responsibility that the

**Product category :** Solenoid Valve

**Type designation(s):** CSV 2 / 3 / 6 / 10 / 15 / 20

DN	Connection	Connection Size	PS (bar)	Fluid Group	Ts (°C)	PED category
CSV 2-20	Solder	1/4 in. -1 1/8 in. (6mm-28mm)	35	I*, II	-40 - 105	Article 4, Paragraph 3
CSV 2-3-6	Flare*	1/4 in. -1/2 in. (6mm-12mm)	35	II		Article 4, Paragraph 3

DN	Connection	Connection Size	PS (bar)	Fluid Group	Ts (°C)	Tightness level
CSV 2-6	Solder	1/4 in. -1/2 in. (6mm-12mm)	35	I*, II	-40 - 105	A1: Hermetically sealed components

\*Fluid Group I only includes R290, R600a, R600, for CSV 2-20 with solder connection.

\*Flare connections are only approved for A1 and A2L refrigerants.

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.

**Pressure Equipment Directive 2014/68/EU**

EN 12284: 2003 "Refrigerating systems and heat pumps – Valves – Requirements, Testing and marking";


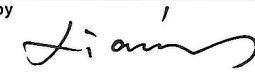
**Refrigerating systems and heat pumps – Qualification of tightness of components and joints Standard EN ISO 14903:2017**

**Ignition Hazard Assessments for component(s) used in fluid group I were conducted in accordance to :**

EN ISO 80079-36 Non-electrical equipment for explosive atmospheres – Basic method and requirements

The component(s) do not have its own source of ignition according to 2014/34/EU, Article 2 when operated as intended in normal conditions (Category3, Zone 2)

Equipment used for the above condition must be designed, installed and maintained according to: IEC60335-2-24/IEC60335-2-40/IEC60335-2-89/ EN378/ ISO5149/ GBT9237 or equivalent standards.

Date: 2020.09.28 Place of issue: 301700 Tianjin China	Issued by  Signature: Name: Title:	Date: 2020.09.28 Place of issue: 301700 Tianjin China	Approved by  Signature: Name: Jing (Amy) Xiao Title: Director of RD&E , RAC-RPC
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Danfoss only vouches for the correctness of the English version of this declaration. In the event of the declaration being translated into any other language, the translator concerned shall be liable for the correctness of the translation

**RoHS Directive 2011/65/EU including amendment 2015/863**

EN IEC 63000:2018. Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.

Above mentioned products conform with the restrictions as specified in Annex II of the RoHS Directive, except for a specific component which however conforms with the exemption **6(c)** as specified in **Annex III** of the RoHS 2 directive.