

**Danfoss A/S**6430 Nordborg  
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Fax: +45 7449 0949**MANUFACTURER'S DECLARATION****Danfoss A/S**

Climate Solutions - RAC

declares under our sole responsibility that the

**Product category:** Liquid Level Switch

**Type designation(s):** LLS 4000, LLS 4000U

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.

**SOFTWARE EVOLUTION – IMPACT ON THE BLUETOOTH LLS 4000 / LLS 4000U**

The LLS 4000 and LLS 4000U have a new firmware version V1.01.00. This evolution relates to specific features of the devices. The list changes is given hereunder:

- The number of media detected is increased. The way to manage the device configuration is improved for adding easily a new configuration for a new medium.
- The bandwidth of the measurement principle is increased from 4.9-6.2GHz to 4.8-6.4GHz. This evolution allows the product to be more robust.

We, Danfoss A/S, declare that the software evolution has no impact on the Bluetooth design and implementation. There is no change of the hardware design, especially the Bluetooth components are the same between the two versions. It is composed of an EM9304 Bluetooth chip from EM Microelectronic with a ceramic antenna. The power transmission is not changed and still followed the Bluetooth standard ETSI EN 300 328.

<b>Date:</b> 2021.04.09 <b>Place of issue:</b> 6000 Kolding, Denmark	<b>Issued by</b>  <b>Signature:</b> <b>Name:</b> Maria Arnegaard <b>Title:</b> Project Director	<b>Date:</b> 2021.04.09 <b>Place of issue:</b> 6000 Kolding, Denmark	<b>Approved by</b>  <b>Signature:</b> <b>Name:</b> Detlef Matzen <b>Title:</b> R&D Senior Manager
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