

Telecommunication Certification Body
UL International (UK) Ltd.
Units 1-3, Horizon
Wade Road
Kingsland Business Park
Basingstoke
Hampshire
RG24 8AH
United Kingdom

GRUNDFOS Holding A/S
Poul Due Jensens Vej 7
DK-8850 Bjerringbro
Denmark

Phone: (+45) 87 50 14 00
www.grundfos.com

Bankers:
Danske Bank, Copenhagen
Citibank N.A., New York
Nordea Bank Danmark A/S,
Copenhagen VAT-No.: 31 85 83 56

Date: 19/07/2023
Our ref.: Thomas Young Olesen

Subject: Class 2 Permissive Change (C2PC) Request

FCC ID: OG3-UP001

To whom it may concern.

In accordance with KDB 178919 D01 and FCC rule part §2.1043: Changes in Certified Equipment, Grundfos Holding A/S hereby requests a Class 2 permissive change to FCC ID: OG3-UP001 as detailed below:

Two parameters changed:

1. New Model: 92563363 of the radio module
2. Change of maximum data rate from 1Mbit/s to 2Mbit/s

New Model: 92563363 of the radio module

Grundfos Holding A/S has introduced Real-Time Clock (RTC) circuitry (additional components mounted on the existing PCB) on the PCBA named 92710890, FCC ID: OG3-UP001. The new assembly variant has got a new model number as the 92710890 still exist in the market. The new model number for the RTC added model is: 92563363, Hardware revision (HVIN) R09. The host products are limited to the same hosts as covered by the original grant FCC ID: OG3-UP001.

Due to the above, Grundfos Holding A/S hereby request for a Class 2 Permissive Change (C2PC) on FCC ID: OG3-UP001 to include the model 92563363, Hardware revision (HVIN) R09.

The gaps between the two builds are only in non-RF parts of the build and are listed below:

1. Besides the 12 components a new front foil design has been added, made of same materials as in 92710890.
2. Non-chargeable, 3V button cell Battery and button cell holder for the RTC was added.
3. RTC circuitry consisting of 9 components, where of one is the RTC integrated circuit operating with the highest frequency generated by the x-tal (32,768kHz). The remaining 7 components are either passive or operating at frequencies below 32,768kHz.
4. The last component in the RTC sub circuit is an SMD NTC Resistor.

Change of maximum data rate from 1Mbit/s to 2Mbit/s

Radio module FCC ID: OG3-UP001, Model 92710890 and 92563363 is updated with a new BLE firmware version which change the maximum data rate from 1Mbit/s to 2Mbit/s. No other changes of the RF circuitry nor the firmware capabilities are changed.

Test to support the above assessment:

As a result of the changes detailed above, 92563363 was tested fully according to 47CFR 15.247, 15.207 and 15.209 as the worst case representant for the two radio module variants. Condition: The test report conclude that the 92563363 complies with the FCC requirements.

Yours faithfully,



Thomas Young Olesen

Senior Manager
Safety & Digital Product Compliance






FCC C2PC letter

Final Audit Report

2023-08-23

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