

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: 18/01/2023
Our ref.: Thomas Young Olesen

Subject: Limited Single Modular Approval - LMA Attestation Letter

To whom it may concern

We, GRUNDFOS Holding A/S, are applying for FCC type approval assessment and certification for a Limited Single Modular Approval (LMA) of the 92710890, FCC ID: OG3-UP001 device.

According to the Signed Module Checklist provided with the Application, We, GRUNDFOS Holding A/S, declare that the product, FCC ID: OG3-UP001, has met the Limited Single-modular approval requirements of FCC rule part §15.212(a)(1). The radio module is un-shielded and the RF environmental conditions for the radio is provided by its host.

We, GRUNDFOS Holding A/S, understand that it is our obligation to ensure that each individual item of the composite system, consisting of the host product and the product, FCC ID: OG3-UP001, remains compliant with FCC rules. To ensure that, the following measures is taken:

- The LMA is only going to be embedded into GRUNDFOS Holding A/S "GFTDB" labelled circulators for heating systems (Circulation Pump products). The Installation is on a permanently fixed location, as the product is installed to a heating pipe system.
- The LMA module is limited to use in "GFTDB" products as this creates the same RF environment as the non-shielded, LMA module was tested in (most complex build).
- Radiated Radio Compliance tests of the composite system, consisting of the most complex build of "GFTDB" and FCC ID: OG3-UP001, is part of this application.
- The LMA remain under the control of GRUNDFOS Holding A/S and by that the Quality System of GRUNDFOS Holding A/S, ensuring continued compliance with FCC rules.
- Details and install instructions and limitations are documented in the Integration Guide for the Radio Module. Existing and Future design teams within Grundfos Holding A/S will be aware of the Integration Guide as it is written into the design log of the above "GFTDB" as well the integration guide is delivered as part of an internal deliverable if Radio Modules are requested by development projects.

Yours faithfully,



Thomas Young Olesen
Senior Manager
Safety & Digital Product Compliance