

Declaration of Conformity for CE/UKCA Marking



Machinery Directive 2006/42/EU (Safety) / Machine Regulation SI 2008 Nr. 1597
 EMC Directive 2014/30/EU / EMC Regulation SI 2016 Nr. 1091

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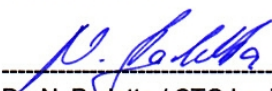
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We herewith declare that the **Levitronix Bearingless Pump System BPS-3**, in its various configurations as listed below,

Part Name	Description
CP-3.x	Pump Head configurations consisting of pump casings and impellers PCA-3.1 (PVDF, NPT 1") PCA-3.2 (PTFE, NPT 1") PCA-3.3 (PFA, Flaretek 1") PCA-3.4 (PTFE, Flaretek 1") PCA-3.5 (PFA, NPT 1") IMP-3.1 (PVDF) IMP-3.2 (ECTFE) IMP-3.3 (PFA) IMP-3.4 (ECTFE)
BSM-3.1 (72V) BSM-3.2 (48V) BSM-3.3 (72V)	Bearingless Motor with 6m FEP cable, 72V windings, standard connectors Bearingless Motor with 6m FEP cable, 48V windings, standard connectors Bearingless Motor with 2m FEP cable, 72V windings, circular connectors
LC72 (72V) LC48 (48V)	Controller with 72V DC input Controller with 48V DC input
PLC-A.1	PLC interface module for controller
LUI-A.1	User interface for standalone operation

is in conformity with the essential requirements of the *Machinery Directive 2006/42/EU – Machinery Regulation SI 2008 Nr. 1597* (according to Annex II under A) and the following particular harmonized standards of the *EMC Directive 2014/30/EU - EMC Regulation SI 2016 Nr. 1091*:

EN55011	Limits and methods of measurement of electromagnetic disturbance characteristic of industrial, scientific and medical (ISM) radiofrequency equipment.
EN61000-4-2	ESD
EN61000-4-3	Radiated RF Immunity
EN61000-4-4	Fast transient / Burst
EN61000-4-5	Surge
EN61000-4-6	Immunity to conducted disturbances, induced by RF
ENV 50204	Radiated RF Immunity
EN61000-6-2	Generic standards, Immunity for industrial environments
EN61000-6-4	Generic standards, Emission standard for industrial environments

Start of CE-Marking: 07-May-03 Last Update: 27-Sep-2022 Place of issue: Zurich, Switzerland	Levitronix GmbH  Dr. N. Barletta / CTO Levitronix GmbH
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