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

Manufacturer: Levitronix GmbH
Bändliweg 30
CH-8048 Zurich, Switzerland
Tel.: +41-44-974 40 00

We herewith declare that the ***Levitronix Bearingless Pump System BPS-1***, in its various configurations as listed below,

Part Name	***Description***	
CP-1.x	Pump head configurations consisting of pump casings *PCA-1.3* (PTFE, Flaretek 1/2") *PCA-1.4* (PVDF, Flaretek 3/8")	and impeller *IMP-1.2* (PFA)
DCP-1.2	Disposable pump head in Polycarbonate	
BSM-1.1 (24V, Semi)) *BSM-1.2 (24V)* *BSM-1.3 (24V)* *BSM-1.4 (24V)*	Bearingless Motor with 2.5m PUR cable, 24V windings, D-SUB connector Bearingless Motor with 2.5m PUR cable, 24V windings, D-SUB connector, ETFE coated housing Bearingless Motor with 2m FEP cable, 24V windings, circular connector, ETFE coated housing Bearingless Motor with 5m FEP cable, 24V windings, D-SUB connector, ETFE coated housing	
LC24	Controller with 24V DC input	
PLC-A.x	PLC interface module in its various interface configurations (*x*)	
LUI-A.x	User interface for standalone operation in its various configurations (x)	

is in conformity with the essential requirements of the *EMC Directive 2014/30/EU - EMC Regulation SI 2016 Nr. 1091*and the *Machinery Directive 2006/42/EU – Machinery Regulation SI 2008 Nr. 1597*. The following particular harmonized standards of the *EMC Directive/Regulation*

EN61000-6-2	Generic standards, Immunity for industrial environments
EN61000-6-4	Generic standards, Emission standard for industrial environments

are tested and confirmed at

Test Laboratory: Siemens Switzerland
Test Laboratory
CH-8047 Zurich, Switzerland
Swiss certification number = STS 014

The following particular standards of the *Machinery Directive/Regulation* are followed for the design, validation and risk assessment:

EN809	Pumps for Fluids: basic requirements are followed.
EN12162	Procedure for hydrostatic pressure testing in fluid pumps: max. pressure testing.
ISO12100	Safety for machinery – principles for risk assessments.

Start of CE-Marking:	09-Jun-2003
Last Update:	27-Sep-2022
Place of issue:	Zurich, Switzerland

Levitronix GmbH

Dr. N. Barletta / CTO Levitronix GmbH