Declaration of Conformity for CE Marking

CE

Machinery Directive 98/37/EC (Safety)
EMC Directive 89/336/EEC (Electromagnetic Compatibility)

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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 89/336/EEC* and the *Machinery Directive 98/37/EC*. The following particular harmonized standards of the *EMC Directive*

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* 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.
EN1050	Safety for machinery – principles for risk assessments.

Start of CE-Marking:	09-Jun-03
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