

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
RoHS Directive 2011/65/EU / RoHS Regulation SI 2021 Nr. 3032

Manufacturer: Levitronix GmbH
 Bändliweg 30
 CH-8048 Zurich, Switzerland

Tel.: +41-44-974 40 00

We herewith declare that the **Flow Controller Family IFS-100 (such as the system BPS-iF100, PuraLev® iF100MU and PuraLev® iF100SU)**, in its various configurations as listed below, is in conformity with the above mentioned *European Directives* and *UK Statutory Instruments*. The various configurations of the flow control system are thought to be used in hydraulic circuits of industrial production equipment of the Semiconductor, Chemical, Life Science (Biotech, Pharmaceuticals) and other machinery applications.

Part Name	Description
LPP-200.x	Pump casing configurations consisting of variations concerning fittings, O-Rings, wet materials (biocompatible) and performance.
DCP-200.x	Single-Use pumphead with Biocompatible materials and variations of things like fittings. See separate declaration for biocompatibility.
IFD-100.x	24 VDC supply and driver variations with various housing coatings, cable materials and interfaces.
LFS-xx xx=04, 08, 20	Ultrasonic flow sensors for 4 , 8 and 20 l/min.
LFS-xx-SU xx=04, 08, 02	Single-Use flow sensors with Biocompatible materials. See separate declaration for biocompatibility.

Machinery Directive 2006/42/EU – Machinery Regulation SI 2008 Nr. 1597:

The machinery directive/regulation essentially has been followed by a risk analysis, according mitigation actions and a user manual for safe operation. For the design and testing the following standards are used as a guideline:

DIN EN809 : 2012	Pumps for Fluids: basic requirements are followed.
DIN EN12162 : 2010	Procedure for hydrostatic pressure testing in fluid pumps: used for max. pressure testing of pump head and flow sensor.
ISO12100 : 2010	Safety for machinery – principles for risk assessments: used for system risk analysis.

EMC Directive 2014/30/EU - EMC Regulation SI 2016 Nr. 1091:

The following standards of the EMC directive/regulation are tested and confirmed at a certified laboratory:

EN IEC 61000-6-2 : 2019	Generic standards, Immunity for industrial environments
EN IEC 61000-6-4 : 2019	Generic standards, Emission standard for industrial environments

RoHS Directive 2011/65/EU – RoHS Regulation SI 2012 Nr. 3032:

The above parts are in conformity with the RoHS directive/regulation.

Start of CE-Marking:	30-Jun-2016
Last Update:	06-Dec-2024
Place of issue:	Zurich, Switzerland
Levitronix GmbH  Dr. N. Barletta / CTO	Levitronix GmbH  Th. Eberle / Quality Manager