Declaration of Conformity for CE/UKCA Marking

CE UKCA

Machinery Directive 2014/42/EU
Pressure Equipment Directive 2014/68/EU
EMC Directive 2014/30/EU

UK Regulation SI 2008 No. 1597
UK Regulation SI 2016 No. 1105
UK Regulation SI 2016 No 1091

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We herewith declare that the ***LEVIFLOW®*** single-use flowmeters, in its various configurations as listed below is in conformity with the mentioned *European Directives* and *UK Statutory Instruments*. The flowmeter systems are thought to be used in hydraulic circuits of the production equipment of Bioprocessing and Pharmaceutical industry.

Part Name	***Description***
LFS-xxYSU	Single-use flow sensors (rated for 5bar): *LFS-02YSU*, *LFS-03YSU* and *LFS-06YSU*
LFC-iY.1	Clamp-On converter: 24V DC supply input

EMC Directive 2014/30/EU – EMC Regulation SI 2016 No. 1091:

The following particular harmonized standards of the *EMC Directive* are tested and confirmed at a certified laboratory.

EN 61000-6-4	Generic Emission standard for industrial environments
EN 61000-6-2	Generic Immunity standard for industrial environments

Machinery Directive 2006/42/EU – Machinery Regulation SI 2008 No. 1597

The machinery directive 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:

EN ISO 15494	Plastic piping system for industrial applications
ISO12100	Safety for machinery – principles for risk assessments: used for system risk analysis.

Pressure Equipment Directive 2014/68/EU – Pressure Equipment Regulation SI 2016 No. 1105:

The pressure equipment directive is used as guide line according to *Category I Modul A* (internal quality control). For maximum pressure validation the following standard is followed:

EN ISO 15494	Plastic piping system for industrial applications

It has to be noted that the maximum pressure for the clamp-on sensor has been tested without tubing limitations. For the pressure rating of the clamp-on sensor with the mounted tubing, the specification of the used flexible tubing material has to be consulted in order to avoid bursting effects not covered by the clamp-on sensor specifications.

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