Declaration of Conformity for CE/UKCA Marking

CE UKCA

Pressure Equipment Directive 2014/68/EU — *UK Regulation SI 2016 Nr. 1105*
EMC Directive 2014/30/EU — *UK Regulation SI 2016 Nr. 1091*

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We herewith declare that the ***LEVIFLOW®*** 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 industrial production equipment.

Part Name	***Description***
LFS-xxL	Flowsensor Series: LFS-04L (4 lpm), LFS-08L (8 lpm), LFS-04L-PC (4 lpm, automated parameter transfer)
LFC-1C *LFC-1C-PC*	Single Channel Converter: 24V DC supply input, RS485 bus, digital/analog IO's Single Channel Converter: 24V DC supply input, RS485 bus, digital/analog IO`s, automated parameter transfer
LFC-6C *LFC-6CIO* *LFC-6CIO-PC*	6-Channel Converter: 24V DC supply input, RS485 bus 6-Channel Converter: 24V DC supply input, RS485 bus, digital/analog in/outputs 6-Channel Converter: 24V DC supply input, RS485 bus, digital/analog in/outputs, automated parameter transfer

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

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

EN 61000-6-4	**Generic Emission standard for industrial environments**
EN 55011	Electromagnetic Disturbances
EN 61000-6-2	**Generic Immunity standard for industrial environments**
EN 61000-4-2	Electrostatic Discharge Immunity
EN 61000-4-3	Radiated, radio-frequency, electromagnetic field immunity
EN 61000-4-4	Electrical fast transient/burst immunity
EN 61000-4-5	Surge immunity
EN 61000-4-6	Immunity to conducted disturbances, induced by radio-frequency fields

Test Laboratory: Hochschule für Technik Zürich
EMV Labor, Technoparkstr. 1
CH-8005 Zurich, Switzerland
Swiss certification number = STS 404

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

The pressure equipment directive/regulation is used as guideline 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

Start of CE-Marking:	2013-Oct-02	Place of issue:	Zurich, Switzerland
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