

EU declaration of conformity according to ATEX directive

FLEXIM Flexible Industriemesstechnik GmbH

Boxberger Straße 4
12681 Berlin
Germany

declares as manufacturer under its sole responsibility that the ultrasonic flowmeter(s)

FLUXUS a831, PIOX S831

a = F, G, H

Ex type:

831-ANN, 831-AAN, 831-AAF, 831-ABN, 831-ABF, 831-AEN, 831-SNN, 831-SAN, 831-SAF, 831-SBN, 831-ABF, 831-SEN

complies/comply with the relevant EU regulations and directives, including any amendments valid at the time this declaration was signed. This declaration of conformity is based on the following harmonized standards:

EU directive 2014/30/EU (EMC directive) relating to electromagnetic compatibility

EN 61326-1:2021 Electrical equipment for measurement, control, and laboratory use – EMC requirements
Part 1: General requirements

EU directive 2011/65/EU (RoHS directive) on the restriction of the use of certain hazardous substances in electrical and electronic equipment

EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

EU directive 2014/34/EU (ATEX directive) relating to equipment and protective systems intended for use in potentially explosive atmospheres

EN IEC 60079-0:2018 Explosive atmospheres
Part 0: Equipment – General requirements

EN 60079-1:2014 Explosive atmospheres
Part 1: Equipment protection by flameproof enclosures "q"

EN IEC 60079-7:2015
+ A1:2018 Explosive atmospheres
Part 7: Equipment protection by increased safety "e"

EN 60079-11:2012 Explosive atmospheres
Part 11: Equipment protection by intrinsic safety "i"

EN 60079-31:2014 Explosive atmospheres
Part 31: Equipment dust ignition protection by enclosure "t"

EN 61010-1:2010 + A1:2019
+ A1:2019/AC2019 Safety requirements for electrical equipment for measurement, control, and laboratory use
Part 1: General requirements

EN IEC 61010-2-030:2021
+ A11:2021 Safety requirements for electrical equipment for measurement, control, and laboratory use
Part 2-030: Particular requirements for testing and measuring circuits

The notified body IBExU Institut für Sicherheitstechnik GmbH (ID number 0637) confirmed the compliance with the essential health and safety requirements relating to the design and construction of products intended for use in potentially explosive atmospheres, set out in annex II of the directive 2014/34/EU, and issued the following EU type examination certificate:

IBExU20ATEX1103 X

The compliance of the quality assurance system with module D of the directive 2014/34/EU was checked and certified by the notified body IBExU Institut für Sicherheitstechnik GmbH (ID number 0637).

FLEXIM GmbH

Signed for and on behalf of

Berlin, 2023-03-15

Place and date



Jens Hilpert
Managing Director