

## UK declaration of conformity according to UKEX regulations

### 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 UK regulations and legislations, including any amendments valid at the time this declaration was signed. This declaration of conformity is based on the following designated standards:

### UK statutory instruments 2016 No. 1091 (EMC regulations) relating to electromagnetic compatibility

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

### UK statutory instruments 2012 No. 3032 (RoHS regulations) 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

### UK statutory instruments 2016 No. 1107 (UKEX regulations) relating to equipment and protective systems intended for use in potentially explosive atmospheres (based on the EU type examination certificate IBExU20ATEX1103 X)

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 "d"

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, 2023-05-05

Place and date



Jens Hilpert  
Managing Director