

EU declaration of conformity according to ATEX directive

FLEXIM Flexible Industriemesstechnik GmbH

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Germany

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

DG1N5, *DK1N5*, *DM2N5*, *DP2N5*, *DQ2N5*, *LG1N5*, *LK1N5*, *LM2N5*, *LP2N5*, *LQ2N5*,
DM2E5, *DP2E5*, *DQ2E5*, *LM2E5*, *LP2E5*, *LQ2E5*,
RF1N5, *RG1N5*, *RH1N5*, *RK1N5*, *RM1N5*, *RP1N5*, *RQ1N5*, *TF1N5*, *TG1N5*, *TH1N5*, *TK1N5*, *TM1N5*,
TP1N5, *TQ1N5*,
RG1S5, *RH1S5*, *RK1S5*, *RM1S5*, *TG1S5*, *TH1S5*, *TK1S5*, *TM1S5*,
DG1NH1, *DK1NH1*, *DM2NH1*, *DP2NH1*, *DQ2NH1*, *LG1NH1*, *LK1NH1*, *LM2NH1*, *LP2NH1*, *LQ2NH1*,
RG1NH3, *RH1NH3*, *RK1NH3*, *RM1NH3*, *RP1NH3*, *RQ1NH3*, *TG1NH3*, *TH1NH3*, *TK1NH3*, *TM1NH3*, *TP1NH3*,
TQ1NH3,
RG1SH3, *RH1SH3*, *RK1SH3*, *RM1SH3*, *TG1SH3*, *TH1SH3*, *TK1SH3*, *TM1SH3*,
DM2EH5, *DP2EH5*, *DQ2EH5*, *LM2EH5*, *LP2EH5*, *LQ2EH5*,
DG1LI8, *DK1LI8*, *DM2LI8*, *DP2LI8*, *LG1LI8*, *LK1LI8*, *LM2LI8*, *LP2LI8*,
RF1LI8, *RG1LI8*, *RH1LI8*, *RK1LI8*, *RM1LI8*, *RP1LI8*, *TF1LI8*, *TG1LI8*, *TH1LI8*, *TK1LI8*, *TM1LI8*, *TP1LI8

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 EU standards:

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

EN 61326-1:2013	Electrical equipment for measurement, control, and laboratory use – EMC requirements Part 1: General requirements
EN 55011:2009/A1:2010	Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics – Limits and methods of measurement

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

EN 50581:2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
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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 60079-15:2010	Explosive atmospheres Part 15: Equipment protection by type of protection "n"
EN 60079-31:2014	Explosive atmospheres Part 31: Equipment dust ignition protection by enclosure "t"
ISO/IEC 80079-34:2018	Explosive atmospheres Part 34: Application of quality systems for Ex product manufacture
EN 61010-1:2010	Safety requirements for electrical equipment for measurement, control, and laboratory use Part 1: General requirements
EN 61010-2-030:2010	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:

IBExU10ATEX1163 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, 2020-11-30

Place and date



Jens Hilpert
Managing Director