



UK Declaration of Conformity

The **A******* Rotative Measuring System Series with Explosion Protection Enclosure

Type: A**58(2), A**58I(2), A**58I:2, A**65, A**80(2), A**130(I)
 Order-No.: A**58(2)-xxxxx, A**58I(2)-xxxxx, A**58I:2-xxxxx, A**65-xxxxx,
 A**80(2)-xxxxx, A**130(I)-xxxxx

was developed, designed and manufactured in accordance with the UK statutory instruments and their amendments:

The Electromagnetic Compatibility Regulations 2016	S.I. 2016 No. 1091
Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres Regulations 2016	S.I. 2016 No. 1107
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012	S.I. 2012 No. 3032

under the sole responsibility of the manufacturer:

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The following designated standards were applied:

EN 61000-6-2:2005/AC:2005	Generic standards - Electromagnetic compatibility, Immunity (Industrial environments)
EN 61000-6-3:2007/A1:2011	Generic standards - Electromagnetic compatibility, Emissions (Commercial environments)
EN IEC 60079-0: 2018	Explosive atmospheres Part 0: Equipment - General requirements
EN IEC 60079-7: 2015/A1:2018	Explosive atmospheres Part 7: Equipment protection by increased safety "e"
EN 60079-31: 2014	Explosive atmospheres Part 31: Equipment - Dust ignition protection by enclosure "t"
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Other applied standards:

DIN EN IEC 60079-14:2021	Explosive atmospheres Part 14: Electrical installations design, selection and erection
DIN EN 60529: 2014	Degrees of protection provided by enclosures (IP code)

The products are marked additionally with the following characteristics on the name plate:

 II 3G Ex ec IIC T4/T5/T6 Gc X and / or  II 3D Ex tc IIIC/IIIB T₁ °C Dc X



For adherence of the conformity the Ex User Manual [TR-ECE-BA-DGB-0117](#) must be observed!



Mr. Klaus Tessari, CEO

Trossingen, 02/23/2022