

UK DECLARATION OF CONFORMITY

This declaration of conformity is issued under the sole responsibility of the manufacturer, Renishaw plc. The object of the declaration is identified below: -

Product name: TONiC™ FS encoder system

Description: Revision of TONiC, to comply with the requirements of Functional Safety.

Part no.: Valid from: Description:

T3xxx 2AHF37 TONiC FS Linear encoder system

T4xxx 2AHF79 TONiC FS Rotary encoder system

The object of the declaration described above is in conformity with all relevant UK Statutory Instruments (and their amendments): -

S.I. 2008 No. 1597	Supply of Machinery (Safety) Regulations 2008
S.I. 2016 No. 1091	Electromagnetic Compatibility Regulations 2016
S.I. 2012 No. 3032	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 - RoHS

and complies with the following technical standards: -

EN ISO 12100:2010	Safety of machinery - General principles for design - Risk assessment and risk reduction (ISO 12100:2010)
EN ISO 13849-1:2015	Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design (ISO 13849-1:2015)
EN ISO 13849-2:2012	Safety of machinery - Safety-related parts of control systems - Part 2: Validation (ISO 13849-2:2012)
EN 61326-1:2013	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements
EN 62471:2008	Photobiological safety of lamps and lamp systems
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances


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The person authorised to sign for and on behalf of the manufacturer Renishaw Plc.:

Name	Martin Curtis
Job title	Regulatory Compliance Manager, Precision Management Group
Signature	
Dated	9th May 2022
Place	Renishaw plc, New Mills, Wotton-under-Edge, Gloucestershire, GL12 8JR, United Kingdom.