



## FUNCTIONAL SAFETY CERTIFICATE

This is to certify that the Functional Safety Capability of



**Renishaw Plc**  
New Mills  
Wotton Under Edge  
England  
GL12 8JR

has been assessed by CSA Group Testing UK Ltd  
and found to comply with

### ***IEC 61508 Part 1:2010 (Clause 6)*** ***Management of Functional Safety***

When assessed using the

**The CASS guide to Functional Safety Capability Assessment**

and complies with

### ***ISO 13849-1:2015: Safety of Machinery***

*The certified scope is as a manufacturer of electrical/electronic application independent components/products for use within safety-related systems up to and including SIL 3\* capability, and category 3 performance level PL e, as detailed in the attached schedule.*

\* The declaration of conformity issued by Renishaw PLC is not implicit of the achieved Safety Integrity Level (SIL) of the safety related system. Final SIL verification is required by users of the products manufactured by Renishaw PLC.

Approved by:

David Kilshaw – Team Lead, Functional Safety

This certificate may only be reproduced in its entirety without any change.



Certificate No: 00023/03  
Initial certification: 18 November 2016  
This certificate issued: 01 August 2025  
Renewal date: 17 November 2028  
Form 7015 issue 5

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## SCHEDULE

### Applicable components/products

- Rotary and linear encoder systems.

### Applicable Standards

- IEC 61508-1 Clause 7 Phase 10 – Realisation of safety-related elements (Hardware & Software) – Up to SIL 3 Capability
- ISO 13849-1:2015: Safety of Machinery – Safety-related parts of control systems – Part 1: General principles for design. – Up to Category 3, performance level (PL) e

### General Information and Conditions of Certification

1. This certificate is based on CSA Test & Certification assessment report R70060535A, R70060535B, R70060535C, R80001954A, R80133014A & R80259021A.
2. Revisions to procedures that impact functional safety shall be reviewed by CSA before their application.
3. Details of the CASS (Conformity Assessment of Safety-related Systems) Scheme can be found from [www.61508.org](http://www.61508.org)
4. The certified company shall maintain its management of functional safety and associated procedures to the required standards which will be monitored and re-assessed by CSA.
5. If the management of functional safety and associated procedures are found not to comply, CSA Certification Service should be notified immediately at the address shown on this certificate
6. This certificate will remain valid subject to completion of one surveillance audit within the three-year certification cycle, and upon receipt of acceptable response to any findings raised during this period. This certificate can be withdrawn if the manufacturer no longer satisfies scheme requirements.
7. The use of this Certificate and the CSA Certification Mark are subject to the 'Regulations Applicable to the Holders of CSA Certificates' and the 'Supplementary Regulations Specific to Functional Safety Certification'
8. This document remains the property of CSA and shall be returned on request of the issuer.



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## Certificate History

Issue	Date	Report no.	Comment
00	18/11/2016	R70060535A R70060535B R70060535C.	Prime certificate issued to client.
01	09/07/2019	R80001954A	Certificate update following successful recertification audit. ISO 13849 added to CASS certificate.
02	09/09/2022	R80133014A	Certificate update following successful recertification audit. ISO 13849 performance level e added to CASS certificate.
03	01/08/2025	R80259021A	Certificate update following successful recertification audit.



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