

UK Type-Examination Certificate



For UK Regulations SI 2008 No. 1597
The Supply of Machinery Regulations 2008

Reg.-No.: 01/205U/5716.00/22

Product tested	Absolute Encoder with safety SinCos-Interface	Certificate holder	Baumer Hübner GmbH Max-Dohrn-Str. 2+4 10589 Berlin Germany
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Type designation	AMG77 S series. Details see Revision List.
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Codes and standards	EN 61800-5-2:2017 EN 61800-5-2:2007 EN ISO 13849-1:2015	EN 62061:2005 + AC:2010 + A1:2013 + A2:2015 EN 61508 Parts 1-7:2010
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Intended application	Safe measurement of rotational direction, standstill, speed, acceleration, and relative position at rotary machines. The encoders comply with the requirements of the relevant standards (Cat. 3 / PL d acc. to EN ISO 13849-1, SIL 2 / SILCL 2 acc. to EN 61800-5-2 / EN 61508 / EN 62061) and can be used in applications up to these safety levels in conjunction with an appropriate upstream device (safety PLC or safety drive controller) which provides signal monitoring and diagnostic coverage.
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Specific requirements	The instructions of the associated Installation and Operating Manual shall be considered. A power cycle of the device once a year is mandatory. The user is always obliged to perform a risk analysis and to check whether the device can be used in the specific application.
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This product is in conformity with all requirements of SCHEDULE 2, PART 1 (Annex I) of SI 2008 No. 1597. This Type-Examination certificate refers to an evaluation of the above mentioned product as stipulated in SCHEDULE 2, PART 9 (Annex IX) of SI 2008 No. 1597.

Valid until 2026-10-22

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1866.02/22 dated 2022-07-04.

This certificate is valid only for products which are identical with the product tested.

Köln, 2022-07-22

TUV Rheinland UK Ltd.

Approved Body for Machinery, No. 2571

Dipl.-Ing. Thomas Steffens