

# EC Type-Examination Certificate



**Reg.-No.: 01/205/5716.01/21**

<b>Product tested</b>	Absolute Encoder with safety SinCos-Interface	<b>Certificate holder</b>	Baumer Hübner GmbH Max-Dohrn-Str. 2+4 10589 Berlin Germany
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<b>Type designation</b>	AMG77 S series. Details see Revision List.
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<b>Codes and standards</b>	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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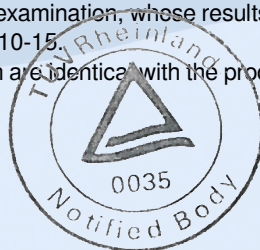
<b>Intended application</b>	Safe measurement of rotational direction, standstill, speed, acceleration, and relative position at rotary machines. The encoders comply with the requirements of the relevant standards (Cat. 3 / PL d acc. to EN ISO 13849-1, SIL 2 / SILCL 2 acc. to EN 61800-5-2 / EN 61508 / 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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<b>Specific requirements</b>	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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It is confirmed that the product tested complies with the requirements for machines defined in Annex I of the EC Directive 2006/42/EC.

Valid until 2026-10-22

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1866.01/21 dated 2021-10-15.  
This certificate is valid only for products which are identical with the product tested.



Köln, 2021-10-22

Notified Body for Machinery, NB 0035

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