

EC Type-Examination Certificate



Reg.-No.: 01/205/5716.00/19

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	AK8Y / AK8W / AMG77 S
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Codes and standards	EN 61800-5-2:2017 EN ISO 13849-1:2015 IEC 62061:2015	IEC 61508 Parts 1-7:2010 EN 50178:1997
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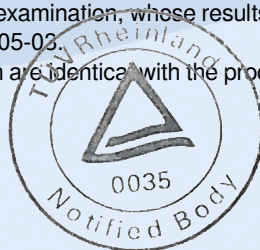
Intended application	Safe measurement of rotational direction, standstill, speed, acceleration, and relative position at rotary machines. The encoders comply with the requirements of the relevant standards (Cat. 3 / PL d acc. to EN ISO 13849-1, SIL 2 / SIL CL 2 acc. to EN 61800-5-2 / IEC 61508 / IEC 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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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 2024-05-10

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1866.00/19 dated 2019-05-03.
This certificate is valid only for products which are identical with the product tested.



Köln, 2019-05-10

Notified Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno