Product Service

C E R T I F I C A T E

No. Z10 062386 0086 Rev. 00

Holder of Certificate: **Beckhoff Automation GmbH & Co. KG**
Hülshorstweg 20
33415 Verl
GERMANY

Certification Mark:

Product: **Safety components**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: BV97184T

Valid until: 2026-08-16

Date, 2021-08-27

(Peter Weiß)

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Parameters:	Supply voltage:	logic 24VDC / motor 48VDC
	Ambient temperature:	+5°C ... +40°C

Tested according to:

EN 61508-1:2010 (up to SIL 3)
EN 61508-2:2010 (up to SIL 3)
EN 61508-3:2010 (up to SIL 3)
IEC 62061:2021 (maximum SIL 3)
EN ISO 13849-1:2015 (up to Cat.4 PL e)
EN 61800-5-2:2017

Model(s): **AMI8xxx with integrated AMI8911**

Nomenclature of Product type AMI81uv-abcc–wxyz

AMI81uv-abcc-wxyz			
AMI8	Product line	AMI8	Integrated servo drives
1	Number of channels	1	1-channel servo axis
u	Flange code	2	flange code F2
v	Motor length	1	motor length 1
		2	motor length 2
		3	motor length 3
a	Feedback	3	single-turn absolute encoder, 17 bit resolution
		4	multi-turn absolute encoder, 17 bit resolution
b	TwinSAFE	0	without TwinSAFE
		1	TwinSAFE STO via FSoE
cc	Customer specific mechanical variant	00-99	customer specific variant
w	Shaft	0	smooth shaft
		1	shaft with groove and feather key according to DIN 6885
		2	shaft with IP 65 sealing ring and smooth shaft
		3	shaft with IP 65 sealing ring and shaft with groove and feather key according to DIN 6885
x	Winding code	F, J	winding code F, J
y	Communication interface	1	EtherCAT
z	Holding brake	0	without holding brake
		1	with holding brake

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