Product Service

C E R T I F I C A T E

No. Z10 062386 0088 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.:   **BV97628T**

Valid until: 2026-11-03

Date,   2021-11-09

(Günter Greil)

TÜV®

C E R T I F I C A T E

No. Z10 062386 0088 Rev. 00

Parameters:	Supply voltage: logic 24 Vdc / motor 0...848 Vdc Ambient temperature: 0°C ... +40°C

Tested according to:	IEC 61508-1:2010 (up to SIL3) IEC 61508-2:2010 (up to SIL3) IEC 61508-3:2010 (up to SIL3) IEC 62061:2021 (maximum SIL 3) EN ISO 13849-1:2015 (up to Cat.4 PL e) EN 61800-5-2:2017

Model(s):	**AMP8000 Distributed servo drives**

Nomenclature of Product type AMP8abc-defg-hijk

AMP 8 a b c – d e f g – h i j k			
AMP8	Product line	AMP8	distributed servo drives
a	Variant	0	standard
		5	increased mass moment
b	Flange code	3	3 = 72mm
		4	4 = 87mm
		5	5 = 104mm
c	Length	1	overall length 1
		2	overall length 2
		3	overall length 3
		4	overall length 4
d	Winding code	A...Z	winding code A...Z
		S	special winding
e	Shaft	0	smooth shaft
		1	keyway
		2	shaft with radial shaft-sealing ring IP 65 and smooth shaft
		3	shaft with radial shaft-sealing ring IP 65, groove, feather key
		4	shaft with radial shaft-sealing ring IP 65, smooth shaft and sealing air connection
		5	shaft with radial shaft-sealing ring IP 65, groove, feather key and sealing air connection

CERTIFICATE

No. Z10 062386 0088 Rev. 00

AMP 8 a b c – d e f g – h i j k			
f	Feedback system + Safety version	1	single-turn absolute encoder, 24 bit resolution, STO, SS1
		2	multi-turn absolute encoder, 24 bit resolution, STO, SS1
		3	single-turn absolute encoder, 24 bit resolution, Safe Motion
		4	multi-turn absolute encoder, 24 bit resolution, Safe Motion
g	Brake	0	without holding brake
		1	with holding brake
h, i, j, k	Variant	x	Variants without any influence on the safety technology