

BiSS C INTERFACE CERTIFICATE OF COMPLIANCE

Certificate Number 3C1A8Z1A-C
Issue Date 2022-09-01
Issued to Maxon Motor AG

This certificate confirms that representative samples of ROTARY POSITION SENSORS
ENX 13...22 EASY INT (Absolute)
as specified below

have been investigated by ARTESON in accordance with the Specification indicated on this Certificate. Approval is hereby granted of marking of these devices with



Specification BiSS Interface Protocol Description (BiSS C) Rev C6
BiSS C Certification Test Cases 4.05

Additional Information See websites of BiSS Association e.V. at biss-interface.com and ARTESON at arteson.com for additional information.

Dr. Marc Scherer, Director BiSS Certification Program
ARTESON INGENIEURE GbR, Hechingen, Germany

A handwritten signature in black ink, appearing to read 'M. Scherer'.

Any information and documentation involving the Compliant BiSS Device Mark are provided on behalf of BiSS Association e.V. or ARTESON INGENIEURE GbR.

The certificate does not constitute or imply any guarantee as to the usability or safety of the related BiSS Device within its application. The section „Representation and Liability“ of the BiSS Device Manufacturing Agreement (BDMA) applies to the certification services accordingly. Any other liability is excluded with exemption of any liability based on the German Product Liability Act, gross negligence, fraud, or if a party's negligent acting results in death or injury to life, limb or health.

For questions, please contact ARTESON at arteson.com

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List of Tested Products

This is to certify that representative samples of the following product(s) were tested according to the requirements of the specification indicated on this certificate.

ROTARY POSITION SENSORS ENX 13...22 EASY INT (Absolute)

Device Name: ENX13 EASY INT ABS BiSS-C
ENX16 EASY INT ABS BiSS-C
ENX19 EASY INT ABS BiSS-C
ENX22 EASY INT ABS BiSS-C

Description/usage: Magnetic encoders mounted on maxon BLDC-motors type ECX

Variants: Single wire cables up to 500mm length, with or without connector, Pins

Report: 3C1A8Z1A-R

Comments:

1. Maximum bus clock frequency is limited to 5MHz

Encoder-PCB complete (article number):

ENX 13 EASY INT ABS 544094, and equivalent 530138^(*1), 582522^(*2), 582521^(*3), 581565^(*4)

ENX 16 EASY INT ABS 548929, and equivalent 548911^(*1), 584796^(*2), 584795^(*3), 584639^(*4), 628589^(*4)

ENX 19 EASY INT ABS 575783, and equivalent 675771^(*1), 585150^(*2), 585152^(*3), 584650^(*4), 628594^(*4)

ENX 22 EASY INT ABS **550861**, and equivalent 548411^(*1), 585154^(*2), 585156^(*3), 584653^(*4), 628608^(*4)

- (*1) Variant with single wire, 200mm
- (*2) Variant with 200mm cable length and connector
- (*3) Variant with 500mm cable length and connector
- (*4) Variant with Pins