

Certificate of Compliance

Certificate Number:

2024-08-07_4791337247

Report Reference:

E141084_20240807_DescriptionFS

Issue Date:

2024-08-07

Issued to:

Kollmorgen Europe GmbH

[Pempelfurtstr. 1, 40880, Ratingen, Germany]

This certificate confirms that representative samples of:

Drive P80360 Series

R4E & ECE Version

Has been evaluated by UL LLC in accordance with Standard(s) for Safety:

ISO 13849-1, Ed. 3, Issue Date 2015-12-15

ISO 13849-2, Ed. 2, Issue Date: 2012-10-15

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



David Piecuch

UL Mark Certification Program Owner

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.



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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Additional Information: Safe Torque Off (STO) function, complies with the requirements for the following functional safety ratings:

- PL e, Category 4

Further safety-related data:

- Max Response time: 100 ms
- $MTTF_D$ (Calculated):
351 years – R4E and ECE Version
- PFH_D :
 7.04×10^{-9} / hour - R4E and ECE Version
- Mission time: 20 years

The product must be installed, operated, and maintained, in accordance with the instructions for use.

Expiration date: 2029-May-23rd

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Please note that the Functional Safety Certificate (in accordance with UL's product category FSCO) will not imply that UL has Listed, Classified or Recognized the product nor will the attached Report authorize the use of Listing, Classification, or Recognition Marks or other references to UL, on these products.

Reviewed by:

Aritz Arruabarrena
Functional Safety Project Engineer

André Thieme
Principal Engineer Functional Safety

Lorenzo Fraccaro
Functional Safety Senior Project Engineer