Certificate
of conformity with the following European Directives

Registered No.:
NL1105220036

Low-Voltage Directive 2014/35/EU

Reference of applicant	Date of application	File reference	Test report No.	Date of issue	Expiry date
-	12.09.2022	TWR1702008	TWR1702008 003	29.09.2022	28.09.2027

This is to certify that the following product complies to all the provisions of the above mentioned European Directive and the following standards:

Product: Linear actuator

Type designation: LAM1 series (details model numbers see Appendix 1)

Serial No.: Prototype sample without serial numbers

Applicant: HIWIN MIKROSYSTEM CORP.
No. 6, Jingke Central Rd., Taichung Precision Machinery Park,
Taichung City 40852, Taiwan

Standard(s): IEC 60335-1:2010/COR1:2010/COR2:2010
/AMD1:2013/COR1:2014/AMD2:2016/COR1:2016
EN 60335-1:2012 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + A2:2019 + A15:2021, EN 62233:2008 + AC:2008

This Certificate of conformity is based on the evaluation of sample(s) of the above mentioned product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of the TÜV NORD Group. This is to certify that the tested sample is in compliance with the provision of Annex I of Low-Voltage Directive 2014/35/EU. This certificate can be used by the certificate holder in connection with the EC declaration of conformity indicating conformity according to Low Voltage Directive.

Certification Department

Email:info.pc@tuv-nord.com
www.tuv-nord.com

The certificate can be verified by Online certification search in TUV NORD Taiwan Co., Ltd. website: www.tuvnord.com.tw.
TAF ISO 17065 accredited no. PC094 for certification. This certificate and all appendices must be reproduced in full.
The CE marking may be affixed on the product if all relevant and effective Directives are complied with.
The TÜV NORD Group is active in more than 70 countries globally, which including TÜV NORD CERT GmbH (NB 0044), TÜV NORD SYSTEMS GmBH & CO. KG(NB 0045), TÜV NORD BALTIK LTD (NB 1409),TÜV NORD Sweden AB (NB 2529), TÜV UK Ltd. (AB 0879)..etc.

Certificate
of conformity with the following European Directives

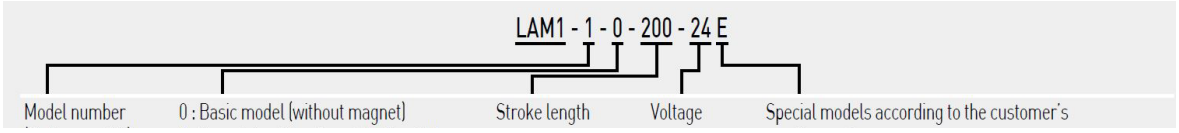
Registered No.:
NL1105220036

Low-Voltage Directive 2014/35/EU

Reference of applicant	Date of application	File reference	Test report No.	Date of issue	Expiry date
-	12.09.2022	TWR1702008	TWR1702008 003	29.09.2022	28.09.2027

Model list

Sub series	Model no.	Thrust max. (N)	Pulling max. (N)	Holding max. (N)	Speed (mm/s) Load = Max. / Load = 0	Motor type: rpm	Current max. (A)	
							DC 12V	DC 24V
LAM1	LAM1-1	4000	3000	4000	8 / 11	R-AM7-0-012: 3500rpm R-AM7-0-024: 3600rpm	12	6
	LAM1-2	2000	2000	1200	16 / 21		12	6
	LAM1-1A	3000	3000	3000	8 / 11		12	6



(Ballscrew:1,2)	1: Complete with electronic limit switches	Requirement
(ACME: 1A)	2: Complete with electronic external limit switches	(Ignore this part of the serial number if not available

Certification Department

Email:info.pc@tuv-nord.com
www.tuv-nord.com

The certificate can be verified by Online certification search in TUV NORD Taiwan Co., Ltd. website: www.tuvnord.com.tw.
TAF ISO 17065 accredited no. PC094 for certification. This certificate and all appendices must be reproduced in full.
The CE marking may be affixed on the product if all relevant and effective Directives are complied with.
The TÜV NORD Group is active in more than 70 countries globally, which including TÜV NORD CERT GmbH (NB 0044), TÜV NORD SYSTEMS GmBH & CO. KG(NB 0045), TÜV NORD BALTIK LTD (NB 1409),TÜV NORD Sweden AB (NB 2529), TÜV UK Ltd. (AB 0879)..etc.

Certificate
of conformity with the following European Directives

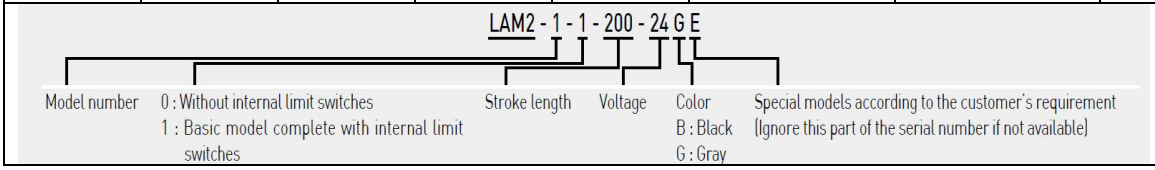
Registered No.:
NL1105220036

Low-Voltage Directive 2014/35/EU

Reference of applicant	Date of application	File reference	Test report No.	Date of issue	Expiry date
-	12.09.2022	TWR1702008	TWR1702008 003	29.09.2022	28.09.2027

Model list

Sub series	Model no.	Thrust max. (N)	Pulling max. (N)	Holding max. (N)	Speed (mm/s) Load = Max. / Load = 0	Motor type: rpm	Current max. (A)	
							DC 12V	DC 24V
LAM2	LAM2-1	3500	3500	3000	2 / 3.5	R-AM4-0-012G: 4400rpm R-AM4-0-024G: 4100rpm	8	4
	LAM2-2	2500	2500	2000	3 / 6		8	4
	LAM2-3	1500	1500	1500	6.5 / 12		6	3
	LAM2-4	1200	1200	800	8 / 14		6	3



Certification Department

Email:info.pc@tuv-nord.com
www.tuv-nord.com

The certificate can be verified by Online certification search in TUV NORD Taiwan Co., Ltd. website: www.tuvnord.com.tw.
TAF ISO 17065 accredited no. PC094 for certification. This certificate and all appendices must be reproduced in full.
The CE marking may be affixed on the product if all relevant and effective Directives are complied with.
The TÜV NORD Group is active in more than 70 countries globally, which including TÜV NORD CERT GmbH (NB 0044), TÜV NORD SYSTEMS GmBH & CO. KG(NB 0045), TÜV NORD BALTIK LTD (NB 1409),TÜV NORD Sweden AB (NB 2529), TÜV UK Ltd. (AB 0879)..etc.

Certificate
of conformity with the following European Directives

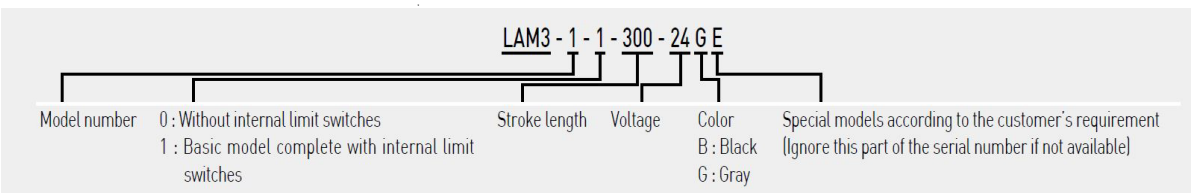
Registered No.:
NL1105220036

Low-Voltage Directive 2014/35/EU

Reference of applicant	Date of application	File reference	Test report No.	Date of issue	Expiry date
-	12.09.2022	TWR1702008	TWR1702008 003	29.09.2022	28.09.2027

Model list

Sub series	Model no.	Thrust max. (N)	Pulling max. (N)	Holding max. (N)	Speed (mm/s) Load = Max. / Load = 0	Motor type: rpm	Current max. (A)	
							DC 12V	DC 24V
LAM3	LAM3-1	6000	5000	5000	4 / 5.5	R-AM5-0-012: 4500rpm R-AM5-0-024: 4400rpm	8	4
	LAM3-2	4000	4000	4000	5.5 / 7.5		8	4
	LAM3-3	3000	3000	3000	7 / 9		6	3
	LAM3-4	2000	2000	1500	11.5 / 14.5		6	3



Certification Department

Email:info.pc@tuv-nord.com
www.tuv-nord.com

The certificate can be verified by Online certification search in TUV NORD Taiwan Co., Ltd. website: www.tuvnord.com.tw.
TAF ISO 17065 accredited no. PC094 for certification. This certificate and all appendices must be reproduced in full.
The CE marking may be affixed on the product if all relevant and effective Directives are complied with.
The TÜV NORD Group is active in more than 70 countries globally, which including TÜV NORD CERT GmbH (NB 0044), TÜV NORD SYSTEMS GmbH & CO. KG(NB 0045), TÜV NORD BALTIK LTD (NB 1409),TÜV NORD Sweden AB (NB 2529), TÜV UK Ltd. (AB 0879)..etc.