Certificate
of the following European Regulation

/Registered No.:
ND1105220002

Medical Device Regulation (EU) 2017/745
Class I Device

Reference of applicant	Date of application	File reference	Test report No.	Date of issue	Expiry date
-	12.09.2022	TWR1702007	TWR1702007 003	13.10.2022	12.10.2027

This is to vertify that the following product complies to the related provisions of the above mentioned European Regulation and the following standards:

Product: Linear actuator

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

Serial No.: Prototype samples without serial numbers

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

Standard(s): EN 60601-1: 2006, EN 60601-1: 2006 / A1:2013,
EN 60601-1: 2006 / A2: 2021

This Certificate is based on the voluntary evaluation of samples of the 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. The holder of this certificate may use this Certificate together with his EU-Declaration of Conformity. Any changes to the design or components may require repetition of the qualification in part for retaining this certification.

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 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 the following European Regulation

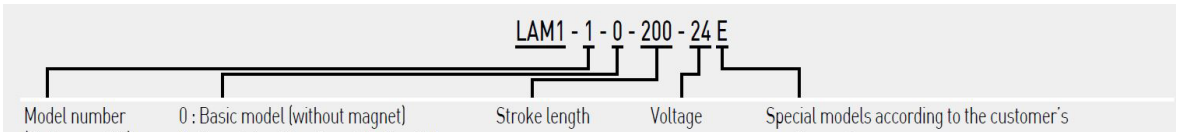
/Registered No.:
ND1105220002

Medical Device Regulation (EU) 2017/745
Class I Device

Reference of applicant	Date of application	File reference	Test report No.	Date of issue	Expiry date
-	12.09.2022	TWR1702007	TWR1702007 003	13.10.2022	12.10.2027

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 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 the following European Regulation

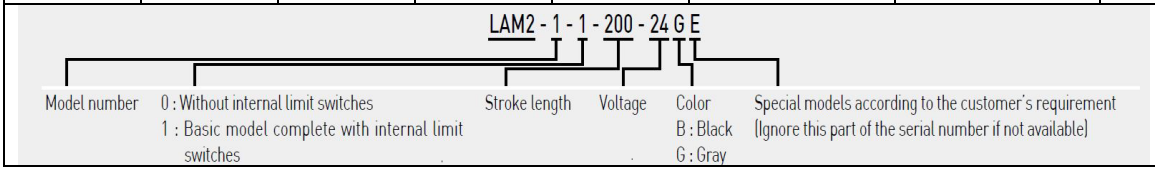
/Registered No.:
ND1105220002

Medical Device Regulation (EU) 2017/745
Class I Device

Reference of applicant	Date of application	File reference	Test report No.	Date of issue	Expiry date
-	12.09.2022	TWR1702007	TWR1702007 003	13.10.2022	12.10.2027

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 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 the following European Regulation

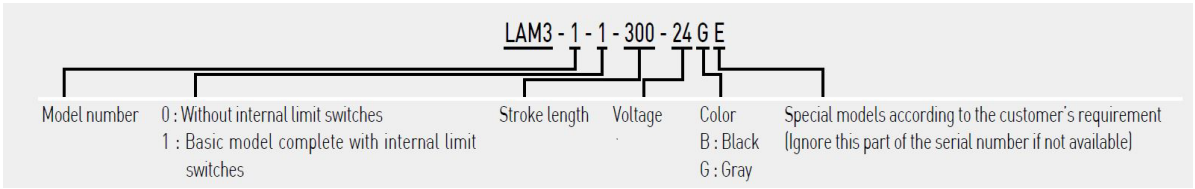
/Registered No.:
ND1105220002

Medical Device Regulation (EU) 2017/745
Class I Device

Reference of applicant	Date of application	File reference	Test report No.	Date of issue	Expiry date
-	12.09.2022	TWR1702007	TWR1702007 003	13.10.2022	12.10.2027

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 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