Certificate
of the following European Regulation

/Registered No.:
ND1105220003

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	TWR1702010	TWR1702010 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: LAN 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
EN 60601-2-52: 2010 / A1: 2015
EN 60601-1-2: 2015

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.

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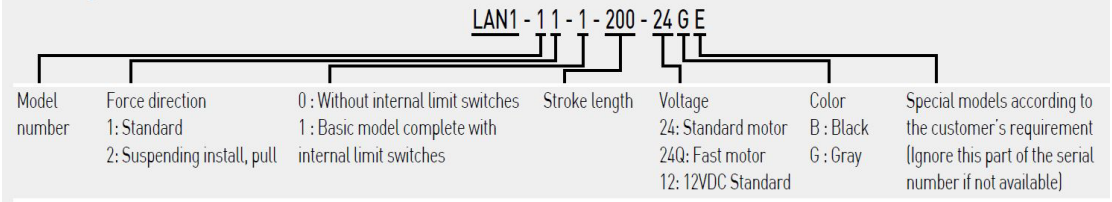
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Model list

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
LAN1	LAN1-1	6000	6000	5000	2.7/5	R-AM8-0-041: 5500rpm	--	4
	LAN1-2	4000	4000	4000	5/7		--	4
	LAN1-1	6000	5000	5000	5/7	R-AM8-0-024: 5200rpm	--	6
	LAN1-2	4000	4000	4000	7/9		--	6
	LAN1-1	5000	5000	5000	3/6	R-AM8-0-012: 4700rpm	11	--
	LAN1-2	4000	4000	4000	4/8		11	--
	LAN1-3	3000	3000	3000	9/11.5	R-AM8-0-024: 5200rpm	--	6
	LAN1-3	3000	3000	3000	5/10	R-AM8-0-012: 4700rpm	10	--
	LAN1-4	2000	2000	2000	12/17	R-AM8-0-024 5200rpm	--	5.5



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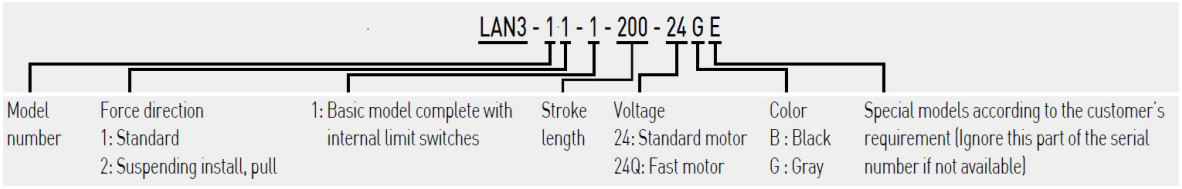
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Model list

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
LAN3	LAN3-1	10000	6000	10000	4.5/8	R-AM3-0-024: 2480rpm	--	8.3
	LAN3-2	7000	6000	7000	6.5 / 9		--	8
	LAN3-3	5000	5000	5000	9 / 12.5		--	7
	LAN3-1	10000	6000	10000	7/11	R-AM3-0-024: 3700rpm	--	12
	LAN3-2	7000	6000	7000	9/13		--	11
	LAN3-3	5000	5000	5000	13/18		--	11



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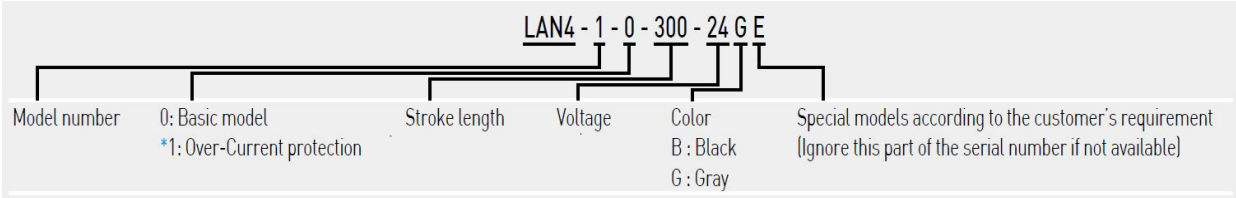
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Model list

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
LAN4	LAN4-1	3500	3500	3500	3.5 / 7	R-AM4-1-012: 200rpm or R-AM4-1-024: 182rpm	6	12
	LAN4-2	3000	3000	3000	4.2 / 9		6	12
	LAN4-3	2000	2000	2000	6 / 13		5	12
	LAN4-4	1500	1500	1500	8.5 / 20		5	12



* Remark: The over-current protection is for over load protection, do not use for limit stop.
Suggestion:To add exterual limit switch as limit positions stop.

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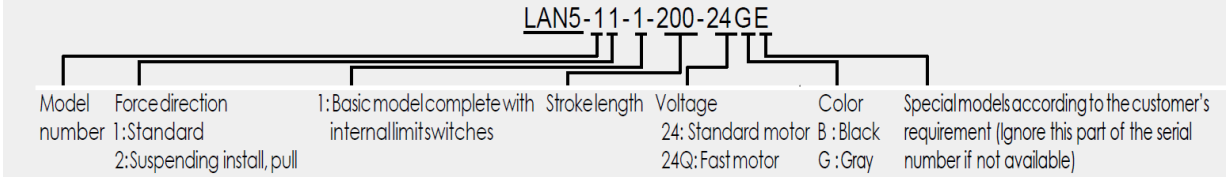
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Model list

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
LAN5	LAN5-1	8000	4000	6000	2 / 3.5	R-AM5-0-024: 2700rpm	--	5
	LAN5-2	6000	4000	5000	3 / 4.5		--	4.5
	LAN5-3	4000	3000	4000	4 / 5.5		--	4
	LAN5-4	3000	2000	1500	6 / 9		--	4
	LAN5-1	8000	4000	6000	2 / 3.5	R-AM5-0-024: 5500rpm	--	8
	LAN5-2	6000	4000	5000	3 / 4.5		--	8
	LAN5-3	4000	3000	4000	4 / 5.5		--	6
	LAN5-4	3000	2000	1500	6 / 9		--	6



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