Certificate
of conformity with the following UK Regulation

Registered No.:
NL1105220042

The Electrical Equipment (Safety) Regulations 2016

Reference of applicant	Date of application	File reference	Test report No.	Date of issue	Expiry date
-	12.09.2022	TWR2209013	TWR2209013 001	19.10.2022	18.10.2027

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

Product: Linear actuator

Type designation: LAN 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
BS EN 60335-1: 2012 + A11: 2014 + A13: 2017 + A1: 2019 + A14: 2019 + A2: 2019 + A15: 2021, BS EN 62233: 2008 + AC: 2008

This Certificate 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(s) is in compliance with the provision of Schedule 1 of Electrical Equipment (Safety) Regulations 2016 as amende. This certificate can be used by the certificate holder in connection with the UKCA declaration of conformity indicating conformity according to Electrical Equipment (Safety) Regulations 2016 .

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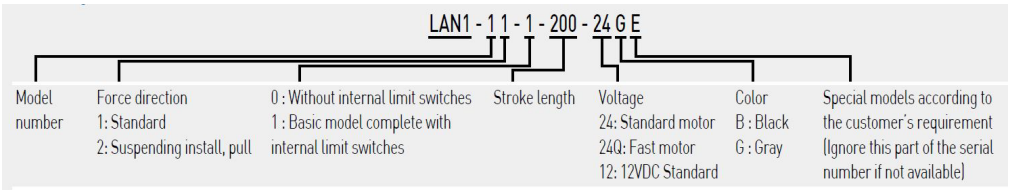
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Model list

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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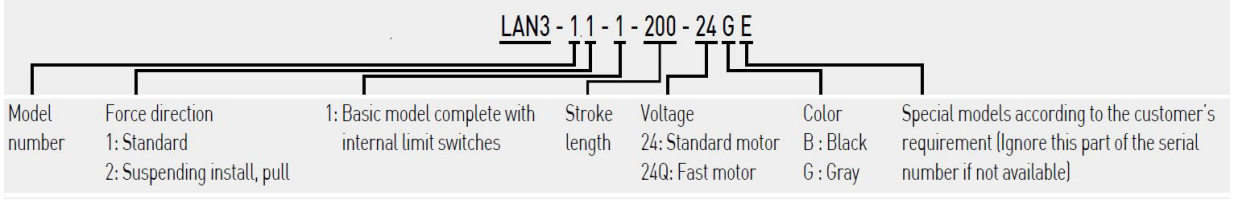
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							DC 12V	DC 24V
LAN3	LAN3-1	10000	6000	10000	4.5/8	R-AM3-0-024: 2480rpm	--	8.3
	LAN3-2	7000	6000	7000	6.5 / 9		--	8
	LAN3-3	5000	5000	5000	9 / 12.5		--	7
	LAN3-1	10000	6000	10000	7/11	R-AM3-0-024: 3700rpm	--	12
	LAN3-2	7000	6000	7000	9/13		--	11
	LAN3-3	5000	5000	5000	13/18		--	11



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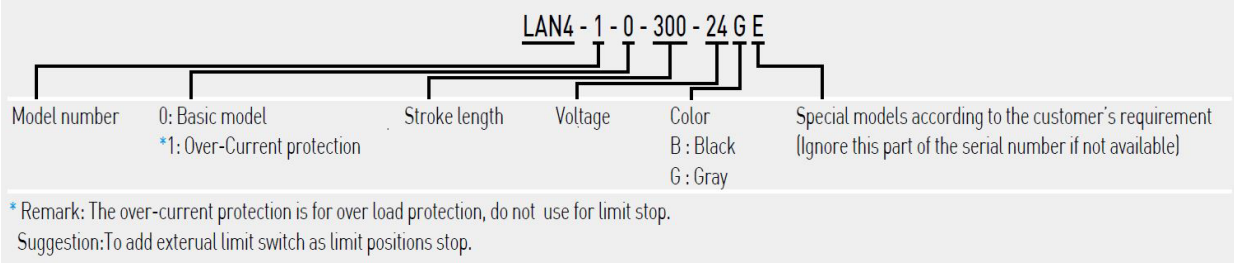
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Model list

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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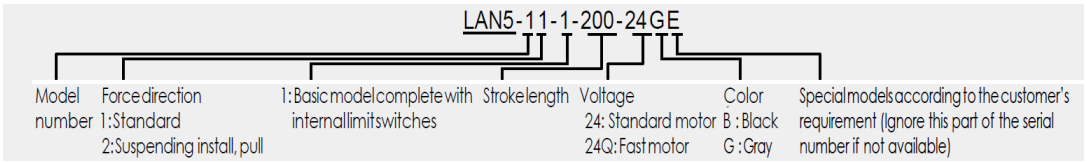
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							DC 12V	DC 24V
LAN5	LAN5-1	8000	4000	6000	2 / 3.5	R-AM5-0-024: 2700rpm	--	5
	LAN5-2	6000	4000	5000	3 / 4.5		--	4.5
	LAN5-3	4000	3000	4000	4 / 5.5		--	4
	LAN5-4	3000	2000	1500	6 / 9		--	4
	LAN5-1	8000	4000	6000	2 / 3.5	R-AM5-0-024: 5500rpm	--	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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