# Certificate
## of the following European Regulation

/Registered No.:
**ND1105220001**

**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 | TWR1702004 | TWR1702004 002 | 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:** LAS 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.

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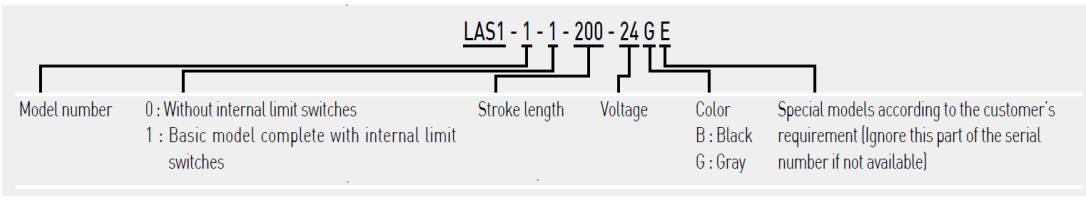
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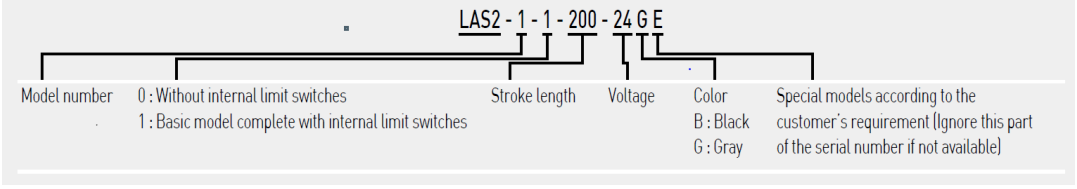
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**Model list**

| 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 |
| LAS1 | LAS1-1 | 1200 | 1200 | 800 | 8/12 | AM6-0-012G: 7750<br>AM6-0-024G: 7000 | 6 | 2.5 |
| | LAS1-2 | 600 | 600 | 300 | 16/25 | | 6 | 3 |




| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| LAS2 | LAS2-1 | 1800 | 1200 | 1800 | 4.5/7 | AM4-0-012G: 4000<br>AM4-0-024G: 4400 | 6 | 3 |
| | LAS2-2 | 1200 | 1200 | 1000 | 8/15 | | 6 | 4 |




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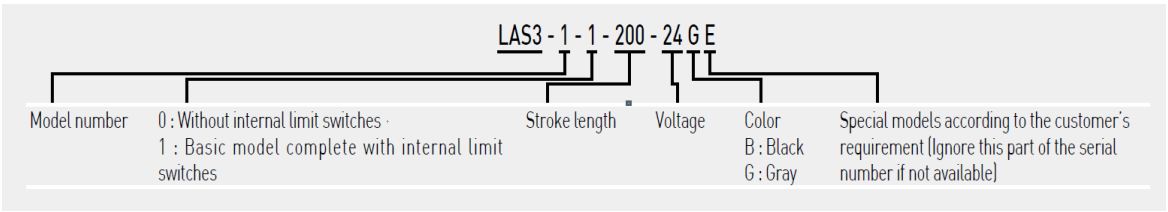
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**Model list**

| 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 |
| LAS3 | LAS3-1 | 1200 | 1200 | 800 | 8/12 | AM6-0-012G: 7750<br>AM6-0-024G: 7000 | 6 | 2.5 |
| | LAS3-2 | 600 | 600 | 300 | 16/25 | | 6 | 3 |




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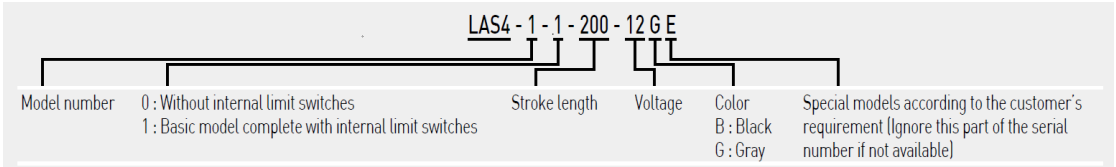
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|---|---|---|---|---|---|---|---|---|
| | | | | | | | DC 12V | DC 24V |
| LAS4 | LAS4-1 | 800 | 800 | 600 | 10/15 | AM6-3-012: 155 or<br>AM6-3-024: 155 | 5 | 2.3 |
| | LAS4-2 | 300 | 300 | 200 | 30/46 | AM6-3-012: 300 or<br>AM6-3-024: 310 | 6 | 3.6 |




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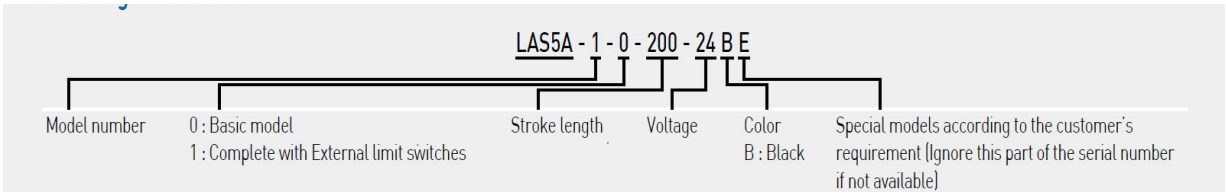
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**Model list**

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|---|---|---|---|---|---|---|---|---|
| | | | | | | | DC 12V | DC 24V |
| LAS5 | LAS5-1 | 800 | 800 | 600 | 2.5/4 | IG-28GM | -- | 1 |
| | LAS5-2 | 300 | 300 | 200 | 6/7.5 | | -- | 1 |
| | LAS5A-1 | 2000 | 2000 | 1500 | 2.5/4 | IG-36PGM | -- | 2.3 |
| | LAS5A-1 | 1200 | 1200 | 800 | 7/8.5 | | -- | 2.3 |




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