

**Certificate
of conformity with the following
European Directives**

/Registered No.:
ND1105170002

**Medical Device Directive 93/42/EEC
Class I Device**

Reference of applicant	Date of application	File reference	Test report No.	Date of issue	Expiry date
-	16.02.2017	TWR1702004	TWR1702004 001	23.10.2017	22.10.2022

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: 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/A1:2013
EN 60601-1-2:2015

This Certificate of conformity is based on the 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 CERT GmbH. The holder of this certificate may use this Certificate together with his EC-Declaration of Conformity.


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Reference of applicant	Date of application	File reference	Test report No.	Date of issue	Expiry date
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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 AM6-0-024G: 7000	6	2.5						
	LAS1-2	600	600	300	16/25		6	3						
<div style="margin-bottom: 10px;"> LAS1 - 1 - 1 - 200 - 24 G E </div> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Model number</td> <td style="width: 25%;">0 : Without internal limit switches 1 : Basic model complete with internal limit switches</td> <td style="width: 15%;">Stroke length</td> <td style="width: 10%;">Voltage</td> <td style="width: 10%;">Color B : Black G : Gray</td> <td style="width: 25%;">Special models according to the customer's requirement (Ignore this part of the serial number if not available)</td> </tr> </table>									Model number	0 : Without internal limit switches 1 : Basic model complete with internal limit switches	Stroke length	Voltage	Color B : Black G : Gray	Special models according to the customer's requirement (Ignore this part of the serial number if not available)
Model number	0 : Without internal limit switches 1 : Basic model complete with internal limit switches	Stroke length	Voltage	Color B : Black G : Gray	Special models according to the customer's requirement (Ignore this part of the serial number if not available)									
LAS2	LAS2-1	1800	1200	1800	4.5/7	AM4-0-012G: 4000 AM4-0-024G: 4400	6	3						
	LAS2-2	1200	1200	1000	8/15		6	4						
<div style="margin-bottom: 10px;"> LAS2 - 1 - 1 - 200 - 24 G E </div> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Model number</td> <td style="width: 25%;">0 : Without internal limit switches 1 : Basic model complete with internal limit switches</td> <td style="width: 15%;">Stroke length</td> <td style="width: 10%;">Voltage</td> <td style="width: 10%;">Color B : Black G : Gray</td> <td style="width: 25%;">Special models according to the customer's requirement (Ignore this part of the serial number if not available)</td> </tr> </table>									Model number	0 : Without internal limit switches 1 : Basic model complete with internal limit switches	Stroke length	Voltage	Color B : Black G : Gray	Special models according to the customer's requirement (Ignore this part of the serial number if not available)
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CE The CE marking may be affixed on the product if all relevant and effective Directives are complied with. **CE**
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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 AM6-0-024G: 7000	6	2.5
	LAS3-2	600	600	300	16/25		6	3

LAS3 - 1 - 1 - 200 - 24 G E



Model number	0 : Without internal limit switches 1 : Basic model complete with internal limit switches	Stroke length	Voltage	Color B : Black G : Gray	Special models according to the customer's requirement (ignore this part of the serial number if not available)
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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
LAS4	LAS4-1	800	800	600	10/15	AM6-3-012: 155 or AM6-3-024: 155	5	2.3
	LAS4-2	300	300	200	30/46	AM6-3-012: 300 or AM6-3-024: 310	6	3.6

LAS4 - 1 - 1 - 200 - 12 G E



Model number

0 : Without internal limit switches
1 : Basic model complete with internal limit switches

Stroke length

Voltage

Color
B : Black
G : Gray

Special models according to the customer's requirement (ignore this part of the serial number if not available)


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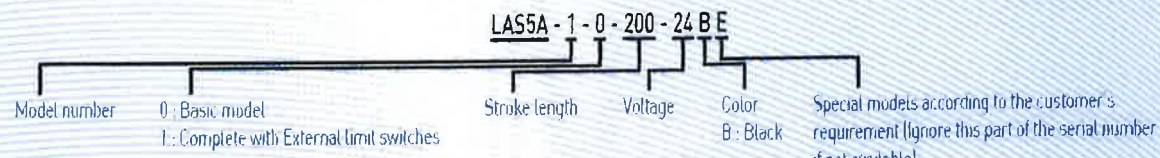
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							DC 12V	DC 24V
LAS5	LAS5-1	800	800	600	2.5/4	IG-28GM	--	1
	LAS5-2	300	300	200	6/7.5		--	1
	LAS5A-1	2000	2000	1500	2.5/4	IG-36PGM	--	2.3
	LAS5A-1	1200	1200	800	7/8.5		--	2.3

LAS5A - 1 - 0 - 200 - 24 B E



Model number 0: Basic model
1: Complete with External limit switches

Stroke length Voltage Color
B: Black

Special models according to the customer's requirement (ignore this part of the serial number if not available)


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