

## Certificate of conformity with the following European Directives

Registered No.:

**NL1105170022**

### Low-Voltage Directive 2014/35/EU

Reference of applicant	Date of application	File reference	Test report No.	Date of issue	Expiry date
-	16.02.2017	TWR1702005	TWR1702005 001	27.06.2017	26.06.2022

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 60335 1: 2012 + AC: 2014 + A11: 2014, EN 62233: 2008



This Certificate of conformity 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 is in compliance with the essential requirements referred to Low-Voltage Directive 2014/35/EU. This certificate can be used by holder in connection with the EC declaration of conformity indicating conformity according to Low Voltage Directive.



Certification Department

Email: [info.pc@tuv-nord.com](mailto:info.pc@tuv-nord.com)  
[www.tuv-nord.com](http://www.tuv-nord.com)  
TÜV NORD GROUP IN TAIWAN

The certificate can be verified by Online certification search in TÜV Asia Pacific Ltd. Taiwan Branch website: [www.tuvnord.com.tw](http://www.tuvnord.com.tw).  
The certification system is based on ISO 17065. 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 in Europe, Asia, America and Africa, which including TÜV NORD CERT GmbH (NB 0044), TÜV NORD SYSTEMS GmbH & CO. KG (NB 0045), CETECOM GmbH (NB 0680), TÜV NORD Sweden AB (NB 2529), TÜV NORD Luxembourg s.à.r.l. (NB 2541), etc. Headquarter of the TÜV NORD Group in Am TÜV 1, 30519 Hannover, Germany



# Certificate of conformity with the following European Directives

Appendix 1: Page 1 of 4

Registered No.:  
**NL1105170022**

## Low-Voltage Directive 2014/35/EU

Reference of applicant	Date of application	File reference	Test report No.	Date of issue	Expiry date
-	16.02.2017	TWR1702005	TWR1702005 001	27.06.2017	26.06.2022

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="text-align: center;"><b>LAS1 - 1 - 1 - 200 - 24 G E</b></div> <div style="display: flex; justify-content: space-around; font-size: small;"><div>Model number 0 : Without internal limit switches 1 : Basic model complete with internal limit switches</div><div>Stroke length</div><div>Voltage</div><div>Color B : Black G : Gray</div><div>Special models according to the customer's requirement (Ignore this part of the serial number if not available)</div></div>								
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="text-align: center;"><b>LAS2 - 1 - 1 - 200 - 24 G E</b></div> <div style="display: flex; justify-content: space-around; font-size: small;"><div>Model number 0 : Without internal limit switches 1 : Basic model complete with internal limit switches</div><div>Stroke length</div><div>Voltage</div><div>Color B : Black G : Gray</div><div>Special models according to the customer's requirement (Ignore this part of the serial number if not available)</div></div>								

  
 Certification Department

Email: [info.pc@tuv-nord.com](mailto:info.pc@tuv-nord.com)  
[www.tuv-nord.com](http://www.tuv-nord.com)  
 TÜV NORD GROUP IN TAIWAN

The certificate can be verified by Online certification search in TÜV Asia Pacific Ltd. Taiwan Branch website: [www.tuvnord.com.tw](http://www.tuvnord.com.tw).  
 The certification system is based on ISO 17065. 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 in Europe, Asia, America and Africa, which including TÜV NORD CERT GmbH (NB 0044), TÜV NORD SYSTEMS GmbH & CO. KG (NB 0045), CETECOM GmbH (NB 0680), TÜV NORD Sweden AB (NB 2529), TÜV NORD Luxembourg s.à.r.l. (NB 2541),...etc. Headquarter of the TÜV NORD Group in Am TÜV 1, 30519 Hannover, Germany



# Certificate of conformity with the following European Directives

Appendix 1: Page 2 of 4

Registered No.:  
**NL1105170022**


## Low-Voltage Directive 2014/35/EU

Reference of applicant	Date of application	File reference	Test report No.	Date of issue	Expiry date
-	16.02.2017	TWR1702005	TWR1702005 001	27.06.2017	26.06.2022

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	6	2.5
	LAS3-2	600	600	300	16/25	AM6-0-024G: 7000	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)
--------------	--	---------------	---------	--------------------------------	---

  
 Certification Department

Email: info.pc@tuv-nord.com  
[www.tuv-nord.com](http://www.tuv-nord.com)  
 TÜV NORD GROUP IN TAIWAN

The certificate can be verified by Online certification search in TÜV Asia Pacific Ltd. Taiwan Branch website: [www.tuvnord.com.tw](http://www.tuvnord.com.tw).

The certification system is based on ISO 17065. 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 in Europe, Asia, America and Africa, which including TÜV NORD CERT GmbH (NB 0044), TÜV NORD SYSTEMS GmbH & Co. KG (NB 0045), CETECOM GmbH (NB 0680), TÜV NORD Sweden AB (NB 2529), TÜV NORD Luxembourg s.à.r.l. (NB 2541), etc. Headquarter of the TÜV NORD Group in Am TÜV 1, 30519 Hannover, Germany





# Certificate of conformity with the following European Directives

Appendix 1: Page 3 of 4

Registered No.:  
**NL1105170022**

## Low-Voltage Directive 2014/35/EU

Reference of applicant	Date of application	File reference	Test report No.	Date of issue	Expiry date
-	16.02.2017	TWR1702005	TWR1702005 001	27.06.2017	26.06.2022

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
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)
--------------	--	---------------	---------	--------------------------------	---

  
 Certification Department

Email: [info.pc@tuv-nord.com](mailto:info.pc@tuv-nord.com)  
[www.tuv-nord.com](http://www.tuv-nord.com)  
 TÜV NORD GROUP IN TAIWAN

The certificate can be verified by Online certification search in TÜV Asia Pacific Ltd. Taiwan Branch website: [www.tuvnord.com.tw](http://www.tuvnord.com.tw).

The certification system is based on ISO 17065. 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 in Europe, Asia, America and Africa, which including TÜV NORD CERT GmbH (NB 0044), TÜV NORD SYSTEMS GmbH & CO. KG (NB 0045), CETECOM GmbH (NB 0680), TÜV NORD Sweden AB (NB 2529), TÜV NORD Luxembourg s.à.r.l. (NB 2541),...etc. Headquarter of the TÜV NORD Group in Am TÜV 1, 30519 Hannover, Germany



# Certificate of conformity with the following European Directives

Appendix 1: Page 4 of 4

Registered No.:  
**NL1105170022**


## Low-Voltage Directive 2014/35/EU

Reference of applicant	Date of application	File reference	Test report No.	Date of issue	Expiry date
-	16.02.2017	TWR1702005	TWR1702005 001	27.06.2017	26.06.2022

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
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)



Certification Department

Email: [info.pc@tuv-nord.com](mailto:info.pc@tuv-nord.com)  
[www.tuv-nord.com](http://www.tuv-nord.com)  
 TÜV NORD GROUP IN TAIWAN

The certificate can be verified by Online certification search in TÜV Asia Pacific Ltd. Taiwan Branch website: [www.tuvnord.com.tw](http://www.tuvnord.com.tw).  
 The certification system is based on ISO 17065. 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 in Europe, Asia, America and Africa, which including TÜV NORD CERT GmbH (NB 0044), TÜV NORD SYSTEMS GmbH & CO. KG (NB 0045), CETECOM GmbH (NB 0680), TÜV NORD Sweden AB (NB 2529), TÜV NORD Luxembourg s.à.r.l. (NB 2541),...etc. Headquarter of the TÜV NORD Group in Am TÜV 1, 30519 Hannover, Germany