# C E R T I F I C A T E

## of Conformity
## Low Voltage Directive (EU) 2014/35

| | |
|---|---|
| **Registration No.:** | AN 50629666 0001 |
| **Report No.:** | 50256957 004 |
| **Holder:** | Hiwin Mikrosystem Corp., Ltd.<br>No. 6, Jingke Central Rd.,<br>Precision Machinery Park,<br>Taichung 40852<br>Taiwan |
| **Product:** | Servo Motor<br>*(AC Servo Motor)* |

**Type designation listed on the next page**

This certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical Report and documentation are at the License Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive (EU) 2014/35, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

**Certification Body**

**Date:** 2024-05-10

Dipl.-Ing. Th. Illing

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

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**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**

**The CE marking may be used if all relevant and effective EC Directives/Regulations are complied with.**

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## Low Voltage Directive (EU) 2014/35

**Registration No.:** AN 50629666 0001

**Product:** Servo Motor
*(AC Servo Motor)*

**Identification:** Type Designation
EM1-X1-X2-X3-X4-X5-X6-X7-X8

X1 is the rated speed
X1 stands for: A, C, D
(A = 2000/min only for output power 1000W and 2000W type;
C = 3000/min only for output power 50W, 100W, 200W, 400W and 750W type;
D = 2000/min only for output power 1200W and 2000W type)

X2 is the inertia
X2 stands for: M
(M = Medium inertia)

X3 is the output power
X3 stands for: 05, 10, 20, 40, 75, 1K, 1A, 2K
(05 = 50W
10 = 100W
20 = 200W
40 = 400W
75 = 750W
1K = 1000W
1A = 1200W
2K = 2000W)

X4 is the drive input voltage
X4 stands for: 2
(2 = 220Vac)

X5 is the holding break options
X5 stands for: 0, B
(0 = Without holding brake
B = With holding brake)
Conntd.

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*(AC Servo Motor)*

**Identification:** Type Designation

X6 is the encoder type
X6 stands for: C, D, E, F
(C = 17-bit incremental type
D = 17-bit absolute type
E = 23-bit incremental type
F = 23-bit absolute type)

X7 is the non-security reserved numbers
X7 stands for: 0, 1, R
(R only for output power X3 = 05, 10, 20, 40, 75 model)

X8 is the motor Shaft type
X8 stands for: A, B, C, D
(A = Round shaft / without oil seal
B = Round shaft / with oil seal
C = With key and center tap / without oil seal
D = With key and center tap / with oil seal)

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