

# Declaration of Conformity

Manufacturer:

**ez-Wheel SAS**

135, route de Bordeaux  
Le Moulin de l'Abbaye  
16400 LA COURONNE - FRANCE

Person authorized to compile the  
relevant technical documentation:

**M. GARDES Florian, CTO**

EC TYPE EXAMINATION CERTIFICATE N° 0080.5493 520 03.22.0075 Ext 001.09.23

**We hereby declare, that the below described product:**

**ezSWDcore.x/C** : gearmotor with integrated driver (full list of references in annex)  
**ezSWD125x.x/C** : wheel drive with integrated driver (full list of references in annex)

**bearing a EC marking, complies with the mentioned EC Directives:**

- 2014/30/UE (EMC, electromagnetic compatibility)
- 2005/65/UE (RoHS2, restricted substances)
- 2006/42/UE (Machinery)

**The following European harmonized standards have been applied:**

- EN 61800 -3, -5 (EMC, ESD, Transients)
- EN 61000 -4-2, -4-3 (Electromagnetic compatibility)
- EN 61326 -1, -3-1 (Electromagnetic compatibility)

**The product complies with the following safety standards:**

- EN 61508-5-2:2011 (Functional safety of electronics devices, SIL 2 to SIL 3)
- EN 62061:2021 (Safety of machinery, SIL CL 2 to SIL CL 3)
- EN 13849-1:2015 (Safety of machinery, PL "d" to PL "e", Cat. 2 to Cat. 4)
- EN 60204-1:2018 (Safety of electrical machinery, Cat. 0 to Cat. 1)
- EN 61800-5-2 Ed1:2007 & Ed2:2016 (Safety, variable speed drives control)

La Couronne, 01/10/2023  
M. JUAN Antoine, COO



**ez-wheel SAS**

Société par Actions Simplifiée au capital de 449 332 EUR  
135, route de Bordeaux - Le Moulin de l'Abbaye  
16400 LA COURONNE - FRANCE  
SIREN 518704887 - APE 2711Z - TVA FR30518704887

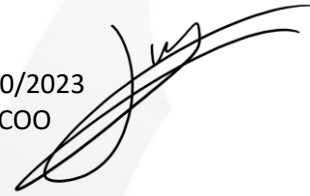
## Declaration of Incorporation

The described product complies with the Machinery Directive 2006/42/CE as a partly completed machinery.

**This partly completed machinery must not be put into service until the final machinery into which it is to be incorporated has been declared in conformity with provisions of the Machinery Directive 2006/42/EC.**

The safety functions of the described product allow compliance with the ISO 3691-4 (Safety of driverless industrial trucks) standard through appropriate incorporation into the final machine.

La Couronne, 01/10/2023  
M. JUAN Antoine, COO



## Annex – List of references

This declaration is applicable to the following product part numbers, which are built around the Safe Motor Control drive system (internal hardware ref. E\_202777).

### Orderable part number

ezSWDcore.0/C  
ezSWDcore.4/C  
ezSWDcore.14/C  
ezSWDcore.25/C  
ezSWDcore.50/C  
ezSWDcore.100/C  
ezSWDcore.0B/C  
ezSWDcore.4B/C  
ezSWDcore.14B/C  
ezSWDcore.25B/C  
ezSWDcore.50B/C  
ezSWDcore.100B/C  
E\_202777\_SMC\_GM

ezSWD125IM.4/C  
ezSWD125IM.4/C\_PRO  
ezSWD125IM.14/C  
ezSWD125IM.25/C

ezSWD125IM.4B/C  
ezSWD125IM.14B/C  
ezSWD125IM.25B/C

