

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-0 : medium duty wheel drive with integrated driver (full list of references in annex)
ezSWD150x.x/C-0 : heavy duty 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, 1/04/2024
M. JUAN Antoine, COO



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, 1/04/2024
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 or E_202727).

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

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

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

ezSWD150IH.14/C-0_PRO
ezSWD150IH.14B/C-0_PRO

E_202777_SMC_GM
E_202727_SMC_GN2

