

EC DECLARATION OF CONFORMITY



Manufacturer Fagor Automation S. Coop.
B.º San Andrés 19; C.P. 20500, Mondragón, Gipuzkoa - Spain.

We hereby declare, under our own responsibility that the product:

DESIGNATION: ENCODER
BRAND: FAGOR
PRODUCT: LINEAR ENCODER
MODELS: G3BD-FS + EC-PA-DQS
S(V)3BD-FS + EC-PA-DQS

consisting of the following modules and accessories:

G3BD-FS + EC-PA-DQS
S(V)3BD-FS + EC-PA-DQS

including cables, documentation etc. where applicable.

Valid for linear encoders with one or two reader heads.

DESIGNATION: ENCODER
BRAND: FAGOR
PRODUCT: ANGULAR ENCODER
MODELS: H3BD-D90-FS + EC-PA-DQS

consisting of the following modules and accessories:

H3BD-D90-FS + EC-PA-DQS

including cables, documentation etc. where applicable.

Note. Some additional characters may follow the references mentioned above. They all comply with the directives listed. Therefore, all ENCODERS bear the EC marking on the rating plate.

It complies with all applicable provisions of the following directives:

- Directive 2014/30/EU of the European Parliament and the Council of February 26, 2014, with regard to the approximation of the legislations of the Member States in the area of electromagnetic compatibility.
- Directive 2011/65/EU (RoHS) of the European Parliament and of the Council of 8 june 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.
- Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery, and amending Directive 95/16/EC for Machinery.

It complies with the following harmonized standards:

ELECTROMAGNETIC COMPATIBILITY DIRECTIVE

EN 61000-6-2: 2005	Electromagnetic compatibility (EMC). Part 6-2: Generic standards. Immunity for industrial environments.
EN 61000-6-4: 2007	Electromagnetic Compatibility (EMC) Part 6-4: Generic standards. Emission standard for industrial environments.



MACHINERY DIRECTIVE

EN ISO 13849-1:2015 Safety of Machinery - Safety-Related parts of control systems. Part 1: General principles for design.

EN 61800-5-2:2007 Adjustable speed power drive systems. Part 5-2: Safety requirements - Functional.

The following other standards have been applied:

IEC 61508-1,2,3,4(ed2):2010 Functional safety of electrical/electronic/programmable electronic safety-related systems.

IEC 61800-5-2:2017 Adjustable speed electrical power drive systems. Part 5-2: Safety requirements - Functional.

IEC 61800-5-3:2021 Adjustable speed electrical power drive system. Part 5-3: Safety requirements - Functional, electrical and environmental requirements for encoders.

In Mondragon, February 2024

Fagor Automation, S. Coop.



Director Gerente
José Pérez Berdud