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## EU Declaration of Conformity

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**Product : DGL150 IRONCORE LINEAR MOTOR MODULE**

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*Name and address of the manufacturer :*

*Name and address of the authorised representative:*

Akribis Systems Shanghai Co. Ltd  
A2, No.6999, Chuan Sha Rd,  
Pudong New Area, Shanghai, 201202

Akribis Systems Pte Ltd  
5012 Techplace II Ang Mo Kio Ave 5 #01-05  
Singapore 569876

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*This declaration is declared under the sole responsibility of the manufacturer*

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*Object of the declaration:* **DGL150 Ironcore Linear Motor Module**

DGL150-AJM30-XX is Single Axis Linear Motor Stage – The Ironcore motor used is a Three phase Synchronous Motor – Linear that is made up of 2 components. Coil is made up of copper wound around iron laminations and molded using epoxy. It is used in conjunction with the magnet track, Linear Bearing & Encoder to form a complete motor that is designed to move in a linear direction.

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It is hereby explicitly declared that the partly completed machine fulfill the following pertinent conditions in the Machinery Directive directives 2006/42/EC:

Article 1(g), Article 2(g), Article 5, Article 12, Article 13, Article 16,  
Annex I (1.1.2, 1.1.3, 1.1.5, 1.2.1, 1.3.2, 1.3.3, 1.3.4, 1.3.7, 1.3.9, 1.5.1, 1.5.4, 1.5.5, 1.5.8, 1.5.9, 1.6.2, 1.6.3)

*The object of the declaration described above is in conformity with Directive 2015/863/EU of the European Parliament and of the Council of 4 June 2015 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.*

**2011/65/EU                      RoHS Directive on the restriction of hazardous substances.**

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*The Object of the declaration described above is in conformity with the relevant Union harmonization legislation :*

**2014/35/EU                      Low Voltage Directive                      ( LVD )**

References to the relevant harmonized standard used or references to the other technical specifications in relation to which conformity is declared:

**EN 63000:2016**                      Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

**IEC 60664-1:2007**                      Insulation coordination for equipment within low-voltage systems - Part 1: Principles, requirements and tests

**DIN VDE 0580:2011**                      As an IEC or EN standard does not yet exist, the German National Standard DIN VDE 0580:2011 appears to be the most suitable test requirement. It can be used for assumption of conformity with the LVD and it is supposed to become an EN standard in future (see foreword DIN VDE 0580).

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**Signed for and on behalf of the above named manufacturer**

**Place and date of issue :** Singapore 13 Apr 2021

**Name,** Chua Yeong Tu  
**function :** Assistant VP – Reliability and Compliance

**Signature :**

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