

# EU TYPE-EXAMINATION CERTIFICATE

CERTIFICATE NO.: **16-NOR-LD-003 Rev. 1.0**

THIS IS TO CERTIFY THAT THE PRODUCT

## **Safety circuit containing electronic components and Protection against unintended car movement**

IDENTIFICATION

### **Hydroelite 3G-5.20**

MANUFACTURED BY

### **Hydroware AB**

AT

**Fabriksgatan 13, 343 32 Alvesta**

complies with the requirements of the Lifts Directive 2014/33/EU

LIMITATIONS

Any modifications made to the product shall immediately be reported to Inspecta in order to examine whether this Certificate remains valid.

This Certificate is valid from: 2017-05-31

**Inspecta Sweden AB**

NB. id. 0409

*Peter Bondesson*

Peter Bondesson  
Principal Engineering LD/Manager Q

*Sören Juhlin*

Sören Juhlin  
Technical Reviewer

Notice: Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this receipt invalid.

**INSPECTA SWEDEN AB**

KOPPARGATAN 9 602 23 NORRKÖPING SWEDEN TEL (+46) 8 5011 3270 FAX (+46) 8 5011 3271 www.inspecta.com

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### Certificate history

<i>Revision</i>	<i>Description</i>	<i>Issue date</i>
0.0	This is the original Certificate	2016-04-20
1.0	Information on clause 5.12.1.4 added	2017-05-31

### Products covered by this Certificate

Product Description	Product Name	Limits of the key parameters
Safety circuit containing electronic components	Hydroelite 3G-5.20	Pollution degree according to IEC 60664-1 = III Ambient temperature 0-65° C To be placed in normal environmental situation for lifts (Dry machine room)
Protection against unintended car movement. Subsystem: Detecting		Test speed 0,63 m/s Response time detection and control system 0,04 s

### Additional information

The safety circuit fulfils the requirements in EN 81-20 5.12.1.4

### Applications/Limitations

This Certificate only relates to Lifts Safety, other directives, covering other phenomena, and also having requirements related to CE marking, might also apply.

### Applied Standards/

#### Product Name

Hydroelite 3G-5.20

#### Applied Standard

EN 81-20 Safety rules for construction and installation of lifts- Lifts for transport of persons and goods – Part 20: Passenger and goods passenger lifts.

EN 81-50 Safety rules for construction and installation of lifts- Examination and tests – Part 50: Design rules, calculation, examinations and tests of lift components

### Documents reviewed

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Hydroelite 3G-5.20 Certifikatunderlag EN 81-20 EN 81-50

2016-04-05

### Terms and conditions

The certificate is subject to the following terms and conditions:

- In case of damages caused by defective products, directive 85/374/EEC, as amended, will apply
- The certificate is only valid for the product(s) listed above
- The Certificate is concerned with the design of the product, only

The following may render this Certificate invalid:

- Changes in the design or construction of the product(s)
- Changes or amendments in the standard(s) which form the basis for documenting compliance with the requirements
- To keep this certificate valid the product has to be subject to random check according to Lifts Directive 2014/33/EU Annex IX

**END OF CERTIFICATE**