



Heinzmann GmbH & Co. KG
Am Haselbach 1
79677 Schönau
Germany

Lloyd's Register EMEA

Hamburg Technical Support Office
Überseeallee 10
20457 Hamburg
T +49 (0)40 34 97 00 10-100

E hamburg-technical-support@lr.org
http://www.lr.org

Your ref
Our ref HPC 1462023/39273-20/MK/ML/AC

03 January 2020

Attention: Interim LR Type Approval letter

Dear Sirs,

Please kindly note this letter confirms that the below subject product, manufactured by Heinzmann GmbH & Co. KG has met satisfactorily relevant requirements of Lloyd's Register LR Type Approval Procedure, TA 14 and relevant Classification Rules as found applicable.

PRODUCER	Heinzmann GmbH & Co. KG Am Haselbach 1 79677 Schönau Germany
DESCRIPTION	Electronic Actuator with brushless disc motor
TYPES	StG EC 40 StG EC 40 RS-CW (CCW) StG EC 250
APPLICATION	Marine and Offshore applications for use in environmental categories ENV2, ENV3 and ENV4 as defined in LR Test Specification No. 1, 2013, in the general power distribution zones where the Test Specification is satisfactory for the intended operation.
ADDITIONAL TESTS	Ingress protection test (IP67) Low Temperature test (-40 °C / 16 h) Shock test acc. IEC 60068-2-27:2008, 3 shocks at each direction with 300 m/s ³ Salt mist test according IEC 60068-2-52 Test Kb severity 1
STANDARD	Manufacturer's specification
OTHER CONDITIONS	Type Approval of products according to LR Test Specification No. 1 (2013) is essentially for hardware. Examination of software aspects is restricted to functional operation as demonstrated in the Performance Test. The requirements of the Lloyd's Register (LR) Rules apply where the equipment is installed on LR Classed vessels and offshore installations.

Working together for a safer world

The Design Appraisal Document No. HTS/ETS 39272-20 and its supplementary Type Approval Terms and Conditions form part of this interim LR Type Approval letter.

This approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations and any project related plan approval process as found necessary.

This approval letter is valid until the final certificate will be issued when Lloyd's Register New global Database is successfully implemented.

Lloyd's Register is to be notified of any change that may affect the validity of this approval.

We regret any inconvenience caused and hope this letter will find your understanding bridging the gap until the new final LR Type Approval Certificate format will be issued.

Yours sincerely,



Martin Lange
Senior Specialist
Hamburg Technical Support Office
Lloyd's Register EMEA
T +49 172 964 017
E martin.lange@lr.org

