Certificate No: LR2004543TA
Issue Date: 14/09/2020
Expiry Date: 21/11/2024

# Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

| | |
|---|---|
| **Manufacturer** | **ERIKS Flow Control** |
| **Address** | Cypresbaan 63, 2908 LT Capelle aan den IJssel, Netherlands |
| **Type** | Actuators |
| **Description** | Hydraulic linear actuators<br>Type: RAM |
| **Trade Name** | EDL/ESL-1-2-3-4 fig. 21401 - 21402 |
| **Application** | Marine, offshore and industrial use for the operation of remote controlled valves. |
| **Specified Standard** | Lloyd's Register's Rules and Regulations for the Classification of Ships, Part 5, Chapters 11 and 12. |
| **Ratings** | Working pressure (bar): ≤ 160<br>Design Pressure (bar): 160<br>Hydrostatic test pressure (bar): 240 |

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document No. LR2004543DA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Downloaded Copy

**Marco Nardo**

Engineering Systems Team Leader to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.