Certificate No: LR26324318TA
Issue Date: 29/05/2026
Expiry Date: 28/05/2031

# 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** | **TAEYANG MECHATRONICS CO., LTD.** |
| **Address** | 40 Gwahaksandan 2-ro 3beon-gil,Gangseo-gu, Busan, 46742, South Korea |
| **Type** | Control Valve |
| **Description** | 3/2 Way Solenoid Valve |
| **Trade Name** | 32S3104000, 32S3105000 |
| **Application** | Marine and offshore applications for use in environmental category ENV 4 in the “General Power Distribution Zones” as defined in LR Type Approval System Specification No.1– July 2024. |
| **Specified Standard** | Manufacture’s Specification (TMC-E-03-01, Rev.1) |
| **Ratings** | DC 24V, 10 to 32 bar (32S3104000 model), 05 to 32 bar (32S3105000 model) |
| **Additional Tests** | Degrees of protection (IP56, IEC60529:2013) |
| **Other Conditions** | Type Approval does not eliminate the need (as required by LR Rules) the requirements for further review or for the product to be further inspected and/ or surveyed to be installed in ships classed or intended to be classed with LR. |

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**Soo-Rho Kim**

Electrical & Control - Lead Consultant to
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If the specified standards are amended during the validity of this certificate, the product is to be reapproved prior to it being supplied to vessels to which the amended standards apply.

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 Asia of any modification or changes to the equipment in order to obtain a valid Certificate.

**Previous Version:** LR21204674TA

The Design Appraisal Document LR26324318TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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