



Certificate No:
TAE00004DZ

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Pilot Lamp

with type designation(s)
Panel Pilot Lamp Series 14

Issued to
EAO AG
Olten, SO, Switzerland

is found to comply with
DNV rules for classification – Ships, offshore units, and high speed and light craft

Application :

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.

Issued at **Hamburg** on **2021-11-01**

This Certificate is valid until **2026-10-31**.

DNV local station: **Augsburg**

for **DNV**

Approval Engineer: **Maik Gagern**

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Arne Schaarmann
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Form code: TA 251

Revision: 2021-03

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Product description

Pilot lamp for front panel installation
Series 14: Panel pilot lamps with LED with/without push-button
Number of switches: 1 or 2 c/o-contacts
Contact rating: 5 A 250 V AC
Type 14-741, -742: pilot lamp with 1 / 2 LED
Type 14-743, -744: push-button with 1 / 2 LED
Type 14-745, -746: 2 push-buttons with 1 / 2 LED
Type 14-747, -748: 1 switch with 1 / 2 LED
Type 14-749, -750: 2 switches with 1 / 2 LED
Degree of protection (for front mounted parts only): IP 67

Application/Limitation

Environmental Classes:

Temperature: B

Humidity: B

Vibration: A

Voltage division for indication lamp by means of series connection of resistors or capacitors is not permitted.

Type Approval documentation

Tests carried out

DNV Class Guideline DNV-CG-0339, Edition 2021-08

Marking of product

EAO Part.-No.

Assembly Instruction (provided for the smallest package) includes information about Maker and Type / Series of Product

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval are complied with and that no alterations are made to the product design or choice of materials.

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routine Tests (RT) checked (if not available tests according to RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE