



Certificate No:
TAE00004VD

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Cable Gland

with type designation(s)
SIB-TEC Plastic

Issued to

SIB Solutions Industry & Building
Boulay, Moselle, France

is found to comply with

DNV rules for classification – Ships, offshore units, and high speed and light craft

Application :

Cable glands for electric installation.

Products approved by this certificate are accepted for installation on all vessels classed by DNV.

Material	See product description
Suitable for open deck	Yes
Suitable for Hazardous areas	No

Issued at **Høvik** on **2024-05-08**

for **DNV**

This Certificate is valid until **2029-05-07**.

DNV local station: **France CMC**

Approval Engineer: **Nicolay Horn**

.....
Frederik Tore Elter
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

www.dnv.com

Page 1 of 2

Product description

Cable glands for electric installation

Type	SIB-TEC
Design Specification	IEC 62444: 2010, EN 62444: 2013, DIN EN 62444 (VDE 0619):2014-05
Operating temperature range	-40°C to +100°C
Cable anchorage	Type A
Ingress protection	IP66; IP68 / 5bar / 30min
Gland material	Plastic
Seal material	Elastomer
Cable type	Armoured or Unarmoured
Gland sizes	PG thread size: PG07, PG09, PG11, PG13, PG16, PG21, PG29, PG36, PG42, PG48. Metric thread size: M12, M16, M20, M25, M32, M40, M50, M63. NPT thread size: 3/8", 1/2", 3/4", 1.
Type code designation	F7000000C PG thread standard/ reductive F7020000C ISO thread Short standard/ reductive F7030000C ISO thread Long standard/ reductive F7040000C NPT thread standard/ reductive F7120000C V0 ISO thread Short standard/ reductive F7130000C V0 ISO thread Long standard/ reductive F7100000 V0 PG thread standard/ reductive

Application/Limitation

Manufacturer's application and assembly instructions to be followed.

Suitable for open deck.

Type Approval documentation

Test Report No. 303499-TL3-1 dated 02-05-2023 from VDE

Test Report No. 303499-TL3-2 dated 02-05-2023 from VDE

Test Report No. 303499-TL3-3 dated 02-05-2023 from VDE

Test Report No. E184471-Vol 1 from UL

Descriptive Note No. ND/023/11

Datasheets / drawings : F 7000 000C Rev. C, F 7020 000C Rev. L, F 7030 000C Rev. J, F,7040 000C Rev. B, F 7100 100, F 7120 000C, Rev. C, 71300 00C Rev. B,

Tests carried out

Type tests according to IEC 62444.

Marking of product

Name of manufacturer – type designation.

Periodical assessment

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

The main elements of the periodical assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Production Sample Tests (PST) and Routines (RT) checked (if not available tests according to PST and 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 to be performed at 2 and 3.5 year and at renewal.

END OF CERTIFICATE