DNV·GL

Certificate No:
TAE00002M4

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Cable Gland

with type designation(s)
SKINTOP CLICK, CLICK R, CLICK BS, CLICK BLK

Issued to
U.I. Lapp GmbH
Stuttgart, Germany

is found to comply with
DNV GL 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 GL.

Material	**Plastic**
Suitable for open deck	**No**
Suitable for Hazardous areas	**No**

Issued at **Hamburg** on **2018-02-09**
This Certificate is valid until **2023-02-08**.
DNV GL local station: **Augsburg**

Approval Engineer: **Carsten Hunsalz**

for **DNV GL**

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.

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Product description

Cable gland of polyamide. Types CLICK, CLIK R, CLICK BS, CLICK BLK. CLICK R with reduced insertion seal.

Classification according to DIN EN 62444

6.1 Material	Non metallic
6.2.2 Mechanical properties	With cable anchorage, type A.
6.2.3 Impact category	3 Exept for those listed below that have impact category 2: CLICK 12, CLICK 20, CLICK R 16, CLICK BS 12, CLICK BS 20 & CLICK BLK 20
6.3 Electrical properties	Not declared
6.4.1 IP class	IP68
6.4.2 Temperatur range	-20 ºC to +100 ºC

Overview CLICK

Size of thread Ø [mm]	**Cable diameter min/max [mm]:**	**Article No. silver grey**	**Article No. light grey**	**Article No. black**
12	4,5-7	5311 2921	5311 2962	5311 2923
16	5-9	5311 2876	5311 2686	5311 2882
20	7-13	5311 2877	5311 2687	5311 2883
25	9-17	5311 2878	5311 2688	5311 2884
32	11-20	5311 2922	5311 2694	5311 2924

Overview CLICK R

Size of thread Ø [mm]	**Cable diameter min/max [mm]:**	**Article No. silver grey**	**Article No. light grey**	**Article No. black**
12	3,5-5	5311 2927	5311 2925	5311 2929
16	4-7	5311 2879	5311 2689	5311 2885
20	5-10	5311 2880	5311 2690	5311 2886
25	6-13	5311 2881	5311 2691	5311 2887
32	7-15	5311 2928	5311 2626	5311 2931

Overview CLICK BS

Size of thread Ø [mm]	**Cable diameter min/max [mm]:**	**Article No. silver grey**	**Article No. light grey**	**Article No. black**
12	4,5-7	5311 2934	5311 2932	5311 2936
16	5-9	5311 2906	5311 2888	5311 2909
20	7-13	5311 2907	5311 2889	5311 2911
25	9-17	5311 2908	5311 2890	5311 2913
32	11-20	5311 2935	5311 2933	5311 2937

Overview CLICK BLK

Size of thread Ø [mm]	**Article No. silver grey**	**Article No. light grey**	**Article No. black**
16	5210 9016	5210 9013	5210 9019
20	5210 9017	5210 9014	5210 9020
25	5210 9018	5210 9015	5210 9021

Application/Limitation

Manufacturer's installation description, instructions and DNV GL rules to be followed
Not no be used in bulkheads/decks or for penetrating boundaries of tanks

Type Approval documentation

Tests carried out

Type test report in accordance with DIN EN 62444:2014-05

Marking of product

U.I. Lapp – Type designation.

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