



[1] **EU-TYPE EXAMINATION CERTIFICATE - Translation**

[2] Equipment or protective systems
intended for use in potentially explosive atmospheres, Directive 2014/34/EU

[3] EU-type examination certificate number **IBExU08ATEX1161 X** | Issue 2

[4] Product: **Cable gland**
Type: SKINDICHT® SHVE-M20 ATEX ***

[5] Manufacturer: U.I. Lapp GmbH

[6] Address: Schulze-Delitzsch-Str. 25
70565 Stuttgart
GERMANY

[7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] IBExU Institut für Sicherheitstechnik GmbH, notified body number 0637 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the essential health and safety requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential test report IB-24-3-0037.

[9] Compliance with the essential health and safety requirements has been assured by compliance with: EN IEC 60079-0:2018, EN IEC 60079-7:2015/A1:2018 and EN 60079-31:2014 except in respect of those requirements listed at item [18] of the schedule.

[10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to the specific conditions of use specified in the schedule to this certificate.

[11] This EU-type examination certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

[12] The marking of the product shall include the following:

II 2 G Ex eb IIC Gb
 II 1 D Ex ta IIIC Da

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By order

Dr.-Ing. P. Cimalla



(notified body number 0637)

Certificates without signature and seal are not valid. Certificates may only be duplicated completely and unchanged. In case of dispute, the German text shall prevail.

Freiberg, 2024-10-10

[13]

Schedule

[14]

Certificate number IBExU08ATEX1161 X | Issue 2

[15] **Description of product**

The cable gland SKINDICHT® SHVE-M20 ATEX *** is suitable for a dust and waterproof cable entry in machines and apparatus, in the measurement and control technology, chemistry and engineering and medical-technical devices, especially for fixed wiring in hazardous areas. It consists of intermediate support, ground sleeve and pressure screw made of brass, the sealing cone of CR and the O-ring made of NBR for the port side.

Type series:

Type designation	Thread size	Cable diameter (mm)	Torque (Nm)
SKINDICHT® SHVE-M20 ATEX ***	M20 x 1.5	6.9 – 8.9	10

*** = Manufacturer's indications without special meaning for the explosion protection (e. g. longer connection threads)

Service temperature range:

-20 °C up to +80 °C

Degree of protection:

IP66, IP68 (5 bar, 30 min)

Variation compared to issue 1 of this certificate:

The cable gland meets the requirements of EN IEC 60079-0:2018 and EN IEC 60079-7:2015/A1:2018.

[16] **Test report**

The test results are recorded in the confidential test report IB-24-3-0037 of 2024-09-30. The test documents are part of the test report and they are listed there.

Summary of the test results

The cable gland type SKINDICHT® SHVE-M20 ATEX *** fulfills the requirements of explosion protection for equipment of Group II, Category 2 G, type of protection increased safety „e“ as well as Category 1 D, type of protection by enclosure „t“.

[17] **Specific conditions of use**

1. The cable gland SKINDICHT® SHVE-M20 ATEX *** may only be used for fixed installations.
2. The service temperature at the cable gland is -20 °C up to +80 °C.

[18] **Essential health and safety requirements**

In addition to the essential health and safety requirements (EHSRs) covered by the standards listed at item [9], the following are considered relevant to this product, and conformity is demonstrated in the test report: none

[19] **Drawings and Documents**

The documents are listed in the test report.

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