



1 **EU-TYPE EXAMINATION CERTIFICATE**

2 Component intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: **CSANe 21ATEX3169U** Issue: **0**

4 Component: **Cable entry grommet type 8169/1**

5 Applicant: **R. STAHL Schaltgeräte GmbH**

6 Address: Am Bahnhof 30,  
74638 Waldenburg,  
Germany

7 This component and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

8 CSA Group Netherlands B.V. notified body number 2813 in accordance with Articles 17 and 21 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of a component intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 14.2.


9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN IEC 60079-0: 2018 EN 60079-7: 2015 + A1: 2017

10 The sign 'U' is placed after the certificate number to indicate that the product assessed is a component and may be subject to further assessment when incorporated into equipment. Any limitations of use are listed in the schedule to this certificate.

11 This EU-Type Examination Certificate relates only to the design and construction of the specified component. If applicable, further requirements of this Directive apply to the manufacture and supply of this component.

12 The marking of the component shall include the following:

 II 2G  
Ex eb IIC Gb

Project Number 80075837

Signed: J A May

Title: Director of Operations

**CSA Group Netherlands B.V.**  
Utrechtseweg 310, Building B42,  
6812AR Arnhem, The Netherlands



## SCHEDULE

### EU-TYPE EXAMINATION CERTIFICATE

CSANe 21ATEX3169U  
Issue 0

#### 13 DESCRIPTION OF COMPONENT

The cable entry grommet type 8169/1 is suitable for mounting in the opening of flange or enclosure wall. The flange or wall can be made of either metal or polyester (see drawing 8169 0 000 005 0).

The cable entry grommet (1) is constructed in a cone shape with steps to assemble certain cable diameters. The diameter of each step reduces from bottom to top. The groove at the bottom ring is to assemble the grommet in the opening of flange or enclosure wall made of metal or polyester. The pressure ring (3) ensures the assembly of the cable entry grommet and IP protection. Each step of grommet is to cut out and open according to the intended cable size. The hose clamp (2) around the cable entry grommet is to clamp the cable and ensure the IP protection.

Stepwise clamping range:

1:22 – 27 mm, 2:27 – 33 mm, 3:33 – 39 mm, 4:39 – 45 mm, 5:45 – 51 mm, 6:51 – 60 mm

#### 14 DESCRIPTIVE DOCUMENTS

##### 14.1 Drawings

Refer to Certificate Annexe.

##### 14.2 Associated Reports and Certificate History

Issue	Date	Report number	Comment
0	10 September 2021	R80075838A	The release of the prime certificate.

#### 15 SCHEDULE OF LIMITATIONS

15.1 The cable entry grommet is for fixed installations and in a horizontal or downwards position only, with adequate clamping of the cable and in accordance with the instructions.

#### 16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in the reports listed in Section 14.2.

#### 17 CONDITIONS OF MANUFACTURE

17.1 The use of this certificate is subject to the Regulations Applicable to Holders of Sira/CSA Certificates.

17.2 Holders of EU-Type Examination Certificates are required to comply with the conformity to type requirements defined in Article 13 of Directive 2014/34/EU.

CSA Group Netherlands B.V.  
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# Certificate Annexe



Certificate Number: **CSANe 21ATEX3169U**  
Component: **Cable entry grommet type 8169/1**  
Applicant: **R. STAHL Schaltgeräte GmbH**

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## Issue 0

Drawing	Sheets	Rev.	Drawing date	Date (Stamp)	Title
8169 0 000 001 0	1 to 4	00	2021-04-28	2021-07-15	Description
8169 0 000 002 0	1 of 1	00	2021-07-15	2021-07-15	Material list
8169 0 000 003 0	1 to 6	00	2021-04-29	2021-07-15	Certification Operating Instructions
8169 0 000 004 0	1 of 1	00	2021-07-15	2021-07-15	Marking 8169/1
8169 0 000 005 0	1 of 1	00	2020-06-23	2021-07-15	Cable entry grommet

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