

# CERTIFICATE

## (1) EU-Type Examination

(2) **Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number: **DEKRA 18ATEX0055** Issue Number: **0**

(4) Product: **Cable gland, type EXTC-\*\*\*\***

(5) Manufacturer: **Shimada Electric Co.,Ltd**

(6) Address: **2-29-6, Nakaikogami, Ohta-ku, Tokyo 146-0081, Japan**

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

(8) DEKRA Certification B.V., Notified Body number 0344 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 confidential test report number NL/DEK/EXTR18.0029/00.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 60079-0 : 2012 + A11**  
**EN 60079-7 : 2007**  
**EN 60079-31 : 2014**

**EN 60079-1 : 2007**  
**EN 60079-7 : 2015 + A1**

**EN 60079-1 : 2014**  
**EN 60079-31 : 2009**

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 d IIC Gb**  
**II 2 G Ex db IIC Gb**  
**II 2 G Ex e IIC Gb**  
**II 2 G Ex eb IIC Gb**  
**II 2 D Ex tb IIIC Db**

Date of certification: 20 December 2018

DEKRA Certification B.V.



L.G. van Schie  
Certification Manager



(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate DEKRA 18ATEX0055**

Issue No. 0

(15) **Description**

Cable gland, type EXTC-\*\*\*\*, made of nickel plated brass steel or stainless steel is for use with effectively filled circular non-armoured cables.

The cable gland can have different sealing rings making them suitable for the cable diameter ranges.

For details about the type designation and technical data see Annex 1 to this certificate.

Service temperature range -20 °C to +75 °C.

Cable gland provides a degree of protection of IP66 per EN 60079-0 and EN 60529.

**Installation instructions**

The instructions provided with the product shall be followed in detail to assure safe operation.

(16) **Report Number**

No. NL/DEK/ExTR18.0029/00.

(17) **Specific conditions of use**

None.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR18.0029/00.

(20) **Certificate history**

Issue 0 - 420148800 initial certificate