



Product Service



(1) EU-Type Examination Certificate

(2) Equipment or Protective Systems Intended for Use in Potentially Explosive Atmospheres – **Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number:

TPS 18 ATEX 102111 0006 U Rev. 00

(4) Component: Thread adapters
Type: SRX series

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

(6) Address: 2-29-6, Nakaikegami Ota-ku, Tokyo, 146-0081, Japan

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

(8) TÜV SÜD Product Service GmbH, Notified Body no. 0123, 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 component 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 reports with no. 70.520.18.131.02

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

EN 60079-0: 2012 + A11: 2013 EN 60079-1: 2014

EN 60079-7: 2015 EN 60079-31: 2014

(10) The sign "U" placed after the certificate number indicates that the certificate must not be mistaken with a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of equipment or protective system.

(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 2G Ex db eb IIC Gb

II 2D Ex tb IIIC Db IP66

Certification Office Of Explosion Protection

München, 06.12.2018

Ing. Kristof De Gersem, MSc.

Page 1 / 4

Certificates without signature shall not be valid. The Certificates may only be circulated in full including its schedule(s). Extracts or alterations are subject to approval by TÜV SÜD Product Service GmbH. In case of dispute, the German text shall prevail. The document is administrated under the following number: EX5A 18 102111 0006 Rev. 00

Doc. Name: Temp-ExNBG-TPS-EU-Type-U-Cert-Iss.01-2018

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04 / 07 / 17



Product Service

Schedule

(13)

(14)

EU-Type Examination Certificate no.

TPS 18 ATEX 102111 0006 U Rev. 00

Certificate History

Revision:	Description:	Report no.:	Issue Date:
Rev. 00	First issue.	70.520.18.131.02	06.12.2018

(15) Description of equipment:

The type SRX series thread adapters, can be made of brass material(C3604), or stainless steel material (SUS304, SUS316, or SUS316L).

The product serial includes Metric (M) and NPT thread types, internal threads and external threads.

See the user instructions for further details.

Model designation:

SRX □□-□□

1 2 3

1: Model

2: External thread size code (bigger size)

3: Internal thread size code (smaller size)

For metric threads (Internal and external):

Code	20	25	32	40	50	63	75	80
Size	M20	M25	M32	M40	M50	M63	M75	M80

For NPT threads (Internal and external):

Code	½	¾	1	1 ¼	1 ½	2	2 ½	3
Size	½ NPT	¾ NPT	1 NPT	1¼ NPT	1½ NPT	2 NPT	2½ NPT	3 NPT

Page 2 / 4

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A4 / 07.17



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The external thread diameter of the adapter can be one step or 2 steps, or 3 steps, or 4 steps, or 5 steps, or 6 steps bigger than the internal thread diameter of the adapter.

Model difference:

Internal threads and external threads are different according to schedule drawing table.

Technical data:

Metric thread size	M20x1.5, M25x1.5, M32x1.5, M40x1.5, M50x1.5, M63x1.5, M75x1.5, M80x1.5
NPT thread	1/2 NPT, 3/4 NPT, 1 NPT, 1-1/4 NPT, 1-1/2 NPT, 2 NPT, 2-1/2 NPT, 3 NPT
Service temperature	-60°C~+80°C
Degree of protection by enclosure	IP66 (tested according to EN / IEC 60079-0)

Warning label:

No warning words.

Installation instruction:

See installation instructions provided by the manufacturer and part of this certification.

See also (17) Special conditions for safe use.

(16) Test report(s): 70.520.18.131.02

Routine tests:

No routine tests.

Document List:

File no.:	Description:	Pages:	Rev:	Date:
GA60036	Outdoor and indoor adaptors overview drawing	1	0	2018-11-21
GA60037	Outdoor and indoor adaptors body	1	0	2018-11-21
GA60036-1	Outdoor and indoor adaptors marking drawing	1	0	2018-11-20
TS20151E	User Manual	4	0	2018-11-20

Page 3 / 4

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