

(1) EU-Type Examination Certificate



Product Service

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

(3) EU-Type Examination Certificate Number:

TPS 19 ATEX 092819 0004 X

Rev. 00



- (4) Equipment: Grounding Clamp
Type: PROFI-line
- (5) Manufacturer: WeSiTec e.K.
Inh. Oliver Busch
- (6) Address: Schillerstr. 78
42929 Wermelskirchen
Germany

(7) This equipment 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 the Council Directive 2014/34/EU of the European Parliament and of the Council dated 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive.
The examination and test results are recorded in the confidential report 713157509.

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

EN ISO 80079-36:2016

EN ISO 80079-37:2016

- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.
- (11) This EU-Type Examination Certificate relates only to the design and the construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacturer and supply of this equipment.
- (12) The marking of the equipment shall include the following:



II 1 G Ex h IIC T6 Ga
II 1 D Ex h IIC T80°C Da

Certification Body
Ridlerstraße 65, 80339 München

Stefan Vierbücher

München, 12.07.2019

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EU-Type Examination Certificate without signature and hologram shall not be valid. The certificates may be circulated only without alteration. 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 internally administrated under the following number: EX5A 092819 0004 Rev.00.

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Product Service

Schedule

(13)

(14) **EU-Type Examination Certificate TPS 19 ATEX 092819 0004 X Rev. 00**(15) Description of equipment:

The 1-pole grounding clamps are intended to prevent electrostatic charging in potentially explosive atmospheres and provide a secure connection between stationary and mobile, metallic or conductive and electrically discharging objects and a good earth.

The purpose of the 2-pole grounding clamps is to avoid electrostatic charging in potentially explosive atmospheres and to ensure a secure connection of stationary and mobile, metallic or conductive and electrically discharging objects and a good earth. This connection could visualize the presence of a good earth by using a grounding system and evaluate it by potential-free changeover contacts.

Technical Data:

Type	Angle	Length	Connection Type	Amount of tooth	Material
PROFI-line 106-1	15 mm	60 mm	1-pole → M3 loop (max. 4 mm ²)	hardened, 2 pcs. (one-sided)	1.4310
PROFI-line 114-1	15 mm	140 mm	1-pole → M4 loop (max. 4 mm ²)	hardened, 2 pcs. (one-sided)	1.4310
PROFI-line 115-1	45 mm	150 mm	1-pole → M8 loop (max. 10 mm ²)	Trident (double-sided)	1.4310
PROFI-line 123-1	40 mm	230 mm	1-pole → M8 loop (max. 10 mm ²)	hardened, 2 pcs. (one-sided)	1.4310
PROFI-line 115 – KAIMAN	45 mm	150 mm	1-pole → M8 loop (max. 4 mm ²)	hardened, 2 pcs. (opposite-sided)	1.4310
PROFI-line 115 – MINI-KAIMAN	25 mm	132 mm	1-pole → M3 loop (max. 4 mm ²)	hardened, 2 pcs. (one-sided)	1.4310
PROFI-line 114-2	15 mm	140 mm	2-pole → Connector CA 3LS	hardened, 2 pcs. (one-sided))	1.4310
PROFI-line 123-2	40 mm	230 mm	2-pole → Connector CA 3LS	hardened, 2 pcs. (one-sided)	1.4310
PROFI-line 120-1	20-30 mm	120 mm	1-pole → M4 loop (max. 10 mm ²)	hardened, 2 pcs. (one-sided)	1.4310
PROFI-line 120-2	20-30 mm	120 mm	2-pole → Connector CA 3LS	hardened, 2 pcs. (one-sided)	1.4310

(16) Test report: 713157509(17) Special conditions for safe use:

The grounding clamps must be regularly checked for wear of the tooth and they need to be replaced if necessary. The 2-pole earthing clamp must only be used in conjunction with the earthing systems SYMEGA-VO or SYMEGA-SI. The operating instructions of the manufacturer must be observed.

(18) Essential health and safety requirements:

met by standards

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