

## Translation

### (1) **Statement of Conformity**

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



- (3) **Statement of Conformity Number:** TÜV 20 ATEX 276306 X

**Issue:** 00

- (4) for the product: Safety Waste Cap type b.safe S 60 – EL – 2 resp. b.safe S 90 – EL – 2 resp. b.safe S 55 – EL – 2 resp. b.safe S 60 – EL – 1 resp. b.safe S 90 – EL – 1 resp. b.safe S 55 – EL – 1

- (5) of the manufacturer: **Bohlender GmbH**

- (6) Address: Waltersberg 8  
97947 Grünsfeld  
Germany

Order number: 8003022260

Date of issue: 2020-10-28

- (7) The design of this product and any acceptable variation thereto are specified in the schedule to this Statement of Conformity and the documents therein referred to.
- (8) The TÜV NORD CERT GmbH 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 ATEX Assessment Report No. 20 214 276306.
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
**EN IEC 60079-0:2018** **EN 60079-11:212**

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 specific conditions for use specified in the schedule to this Statement of Conformity.
- (11) This statement of conformity relates only to the design, examination and tests of the specified product in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this Statement of Conformity.
- (12) The marking of the product must include the following:



**Not required (simple apparatus)**

TÜV NORD CERT GmbH, Langemarckstraße 20, 45141 Essen, notified by the central office of the countries for safety engineering (ZLS), Ident. Nr. 0044, legal successor of the TÜV NORD CERT GmbH & Co. KG Ident. Nr. 0032

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(13) **SCHEDULE**

(14) **Statement of Conformity No. TÜV 20 ATEX 276306 X** **Issue 00**

(15) **Description of product:**

The Safety Waste Cap type b.safe S 60 – EL – 2 resp. b.safe S 90 – EL – 2 resp. b.safe S 55 – EL – 2 resp. b.safe S 60 – EL – 1 resp. b.safe S 90 – EL – 1 resp. b.safe S 55 – EL – 1 is used for continuous level measurement of liquids in containers and consists of a reed switch, which is mounted in a cap and operated by a magnet installed in a float.

The Safety Waste Cap is considered as simple apparatus and is intended to be installed in the zone 2.

**Type code:**

- b.safe S 60 – EL - 2
- b.safe S 90 – EL - 2
- b.safe S 55 – EL - 2
- b.safe S 60 – EL - 1
- b.safe S 90 – EL - 1
- b.safe S 55 – EL - 1

**Electrical data:**

Power supply circuit  
(3 PINs M8 plug: C; NO; NC)

In type of protection intrinsic safety Ex ic IIC  
only for connection to certified intrinsically safe  
circuits  
Maximum values:

$$U_i = 15 \text{ V}$$
$$I_i = 30 \text{ mA}$$
$$P_i = 300 \text{ mW}$$

Effective internal capacitance  
Effective internal inductance

Capacitance of the permanently connected cable  $C_c$   
Inductance of the permanently connected cable  $L_c$

For the permanently connected cable the following applies:

$$C_c = 200 \text{ pF/m}$$
$$L_c = 1 \text{ } \mu\text{H/m}$$

**Thermal data:**

Permissible ambient temperature range:  $-20 \text{ }^\circ\text{C} \leq T_a \leq +40 \text{ }^\circ\text{C}$

(16) Drawings and documents are listed in the ATEX Assessment Report No. 20 214 276306.

(17) **Specific conditions of use:**

Conductive connecting parts must be included in the local potential equalization.

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

No additional ones