



Product Service

(1) EU-Type Examination Certificate

TRANSLATION

- (2) Component Intended for Use in Potentially Explosive Atmospheres
Directive 2014/34/EU
- (3) Number of Certificate of EU-Type Examination:

TPS 19 ATEX 103415 0001 U Issue 01

- (4) Product: Safety break
Types: SSB 16, PSB 16, SSB 25, CSB 21
Special versions: DC, SG, ERS, SS, LV, NR
Manufacturer: ELAFLEX HIBY GmbH & Co. KG
- (5) Address: Schnackenburgallee 121
22525 Hamburg
Germany
- (6) This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- (7) TÜV SÜD Product Service as notified body No. 0123 according to article 17 of the guideline 2014/34/EU of the European Parliament and the Council of the European Union certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products 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 713262412/3.
- (8) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN ISO 80079-36:2016 EN ISO 80079-37:2016 EN 13617-2:2021
- (9) The sign "U" placed behind the certificate number indicates that this certificate should not be confounded with certificates issued for equipment or protective systems. This partial certification may be used as a basis for certification of an equipment or protective systems.
- (10) This EU-Type Examination Certificate relates only to the design and the construction of the specified product in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacturing process and supply of this product.
- (11) The marking of the component shall include the following:

II 1 G Ex h IIAand is valid for $T_a = -20^{\circ}\text{C}$ to $+55^{\circ}\text{C}$ (All Safety Break Variants except Low Temperature "LT" variant) $T_a = -40^{\circ}\text{C}$ to $+55^{\circ}\text{C}$ (Low Temperature "LT" variant)Certification Body Explosion Protection
Ridlerstraße 65, 80339 Munich

Munich, 23.11.2022

Dipl.-Ing. Ulrich Jacobs

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EU-Type Examination Certificate without signature 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 103415 0001 Rev. 01

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstrasse 65 • 80339 Munich • Germany



(12)

Schedule

(13) **EU-Type Examination Certificate TPS 19 ATEX 103415 0001 U** Issue 01

(14) Description of product:

The product mentioned in (4) is a self-closing Safety break (breakaway coupling) with or without a swivel joint, which is intended to protect the pump, hose and vehicle in departure accidents.

The breakaway coupling is mounted between the nozzle and the hose line or between the hose line and the fuel dispenser and separates at a defined pull-off force the fuel dispenser or hose line and vehicle in the event of an departure accident.

There is a pull-off coupling in reusable and non-reusable design (NR) as well as with and without vapor recovery system.

Depending on the type a swivel function could be included.

The breakaway coupling is an exclusively mechanical acting device which is consisting of mechanical components and is manufactured of aluminium alloy or stainless steel with built-in components of stainless steel and plastic.

Technical data:

Type / Model		Identification	Type according to EN 13617-2
SSB 16	Standard	Safety Swivel Break DN16 Reusable, self-closing Safety Break with Swivel (rotation 360°) between nozzle and hose assembly	1
	DC	with Double Closing System, soft-sealings	
	ERS	with Easy Rotating Swivel	
	SG	with Sight Glass	
	SS	Stainless steel version for AdBlue® / DEF / Arla 32 for trucks	
(optional)	NR	Stainless steel version for AdBlue® / DEF / Arla 32 for passenger cars with volume flow switch in Non-Reusable version	1
PSB 16	Standard	Pump Safety Swivel Break DN16 Reusable, self-double closing Safety Break between nozzle and dispenser or between hose assemblies	1
	DC	with Double Closing System, soft-sealings	
	SG	with Sight Glass	
	SS	Stainless steel version for AdBlue® / DEF / Arla 32	
SSB 25	Standard	Safety Swivel Break DN25 Reusable, self-closing Safety Break with Swivel (rotation 360°) between nozzle and hose assembly	1
	DC	with Double Closing System, soft-sealings	
	SG	with Sight Glass	
	SS	Stainless steel version	
(optional)	NR	in Non-Reusable version	1
CSB 21	Standard	COAX Safety Swivel Break DN21 Reusable, self-closing Safety Break for vapour recovery between nozzle and hose assembly	2
	DC	with Double Closing System, soft-sealings	
	SG	with Sight Glass	
	SS	Stainless steel version	
(optional)	NR	in Non-Reusable version	2



- (15) Test report: TB_713262412_3 Rev.00
- (16) Special conditions for safe use:
- The Safety break may only be put into operation if the completed technical system (device) itself complies with the requirements of Directive 2014/34/EU (ATEX).
 - The instructions for installation and use, specified in the operating manuals and installation manuals must be observed.
- (17) Essential health and safety requirements:
met by standards