



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 0002 U Issue 01



- (4) Product: **Fuel Dispenser Nozzle**

<u>Types</u>	ZVA SL	ZVA SL2	ZVA SL2 GR	ZVA 200 GR	ZVA 25	ZVA 32			
	ZVA AdBlue LV	ZVA AdBlue HV							
<u>Special-versions</u>	VI	TD	EP	VD	AF	RG	GBZ	VA (SS)	LT
	DSA	GRV	GRVP	GRV-WT	GRVP-WT	GRV-FA			

- (5) Manufacturer: **ELAFLEX HIBY GmbH & Co. KG**
- (6) Address: **Schnackenburgallee 121
22525 Hamburg
Germany**
- (7) This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- (8) TÜV SÜD Product Service as notified body No. 0123 according to article 17 of the Directive 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 713262412/1.
- (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 EN 13012:2021
- (10) The sign "U" placed behind the certificate number indicates that this certificate should not be con-founded 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.
- (11) 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.
- (12) The marking of the component shall include the following:

II 1 G Ex h IIA

and is valid for $T_a = -20^{\circ}\text{C}$ to $+55^{\circ}\text{C}$ (All Nozzle Variants except Low Temperature variant "LT")
 $T_a = -40^{\circ}\text{C}$ to $+55^{\circ}\text{C}$ (Low Temperature variant marked "LT")

Certification Body Explosion Protection
Ridlerstrasse 65, 80339 Munich

Munich, 23.11.2022

Dipl.-Ing. Ulrich Jacobs



(13)

Schedule

(14) **EU-Type Examination Certificate TPS 19 ATEX 103415 0002 U Issue 02**

(15) Description of product:

The Fuel Dispenser Nozzle mentioned in (4), is a manually operated wet-hose dispensing valve with automatic shut-off for refuelling of fuel tanks of mobile working machines and containers outdoors at tank farms and filling stations.

Depending on the model, the nozzle is suitable for dispensing petrol, ethanol / petrol mixtures up to E85, diesel fuels and biodiesel, AdBlue®, Avgas and JET A-1 aviation fuels and, in special cases, for filling various flammable or water-polluting liquids such as solvents, Alcohol etc. mostly outside gas stations.

Technical data:

Type / Model	Identification	Features		
		Max. working pressure [bar]	Type acc. to EN 13012	
ZVA SL	Standard	SL = Slimline	0.5 up to 3.5 (5.0)	1
	VI	with seals made of FKM		
	TD	with seals made of PTFE / FEP		
	EP	with seals made of EPDM		
	VD	with seals made of PU		
	LT	special version for low temperature application		
	RG	special version made of red brass (gunmetal)		
	GBZ	special version made of bronze		
	VA (SS)	stainless steel version for solvents		
ZVA AdBlue HV	special version for AdBlue® / DEF / Arla 32 for heavy duty trucks		0.5 up to 3.5 (5.0)	1
ZVA AdBlue LV	special version for AdBlue® / DEF / Arla 32 for light vehicle passenger cars		1.5 up to 3.5	1
ZVA SL 2	Standard	SL = Slimline	0.5 up to 3.5 (5.0)	1
	DSA	special version with pressure-controlled safety shut off		
	LT	special version for low temperature application		
	AF	special version for aviation refuelling		
ZVA SL 2 GR	Standard	SL = Slimline for active vapour recovery	0.5 up to 3.5 (5.0)	1
	DSA	special version with pressure-controlled safety shut off		
	LT	special version for low temperature application		
	GRV	with integrated vapour valve On/Off		
	GRVP	with integrated proportional vapour valve		
	GRV-WT	with integrated vapour valve – for wet test only		
	GRVP-WT	with integrated proportional vapour valve – for wet test only		
GRV-FA	with additional On/Off-valve flow activated			
ZVA 200 GR	Standard	for active vapour recovery	0.5 up to 3.5	1
	DSA	special version with pressure-controlled safety shut off		
	LT	special version for low temperature application		
	GRV	with integrated vapour valve On/Off		
	GRVP	with integrated proportional vapour valve		
ZVA 25	Standard	high flow automatic nozzle	0.5 up to 3.5 (5.0)	2
	VI	with seals made of FKM		
	VD	with seals made of PU		



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ZVA 32	EP	with seals made of EPDM		
	LT	special version for low temperature application		
	AF	special version for aviation refuelling		
	Standard	high flow automatic nozzle	1.5 up tp 6.0	2
	LT	special version for low temperature application		
	AF	special version for aviation refuelling		

(16) Test report: TB_713262412_1

(17) Special conditions for safe use:

- The Fuel Dispenser Nozzle may only be put into operation if the completed technical system (device) itself complies with the requirements of the Directive 2014/34 / EU (ATEX).
- The instructions for installation and use, specified in the operating manuals and installation manuals, must be observed.

(18) Essential health and safety requirements:

met by standards