

FEEL THE DIFFERENCE
ZVG 2 AUTOGAS NOZZLES




ELAFLEX 

EDITION
2014

LPG AUTO LPG AUTO GAS MOTOR GAS FLÜSSIGGAS LP GAS GPL AUTOGAAS OTOGAZ CAR GAS BILGAS AUTOGAZES PROPANE AUTÓGÁZ GLP PLIN

For over twenty years our ZVG nozzle has been used by industry and Autogas dispensers, worldwide. The long term experience gained in these markets has enabled us to develop the ZVG 2, using a modular construction for different coupling types. The ZVG 2 nozzle retains its feeling of solidity and safety whilst being low-weight and easy to handle. It creates a better refuelling experience.

SPECIFICATIONS

Flow rate:	up to 50 l/min
Temperature range:	-25° C up to +70° C 'LT-Type' up to -40° C
Working pressure:	max. 25 bar (2500 kPa)
Test pressure:	40 bar (4000 kPa)
Burst pressure:	> 100 bar (10000 kPa)
Gas release volume:	< 1 cm ³ (DISH, EURO) approx. 1,7 cm ³ (ACME)
Swivel types:	3/4" NPT female, 1" BSP female or M 30 x 1,5 L male. Other sizes on request
Weight incl. swivel	1,46 kg (ZVG 2 ACME) 1,19 kg (ZVG 2 DISH) 1,41 kg (ZVG 2 EURO)
Approval:	 ATEX (II 1 G) Certificate No. SIRA 09 ATEX 9204U

More information see catalogue pages 561-564.
Gasguard Nozzles, see catalogue page 567.



ACME ('ACME Connector')
('Screw Connector')
Used in: Australia, (Austria), Belgium, Canada,
Germany, Ireland, Luxemburg, (Poland),
Switzerland, USA, (UK)



DISH ('Italian Connector')
('Claw Coupling') ('Cup Type')
Used in: Austria, Croatia, Czech Republic, Bulgaria,
Denmark, Estonia, France, Greece, Hungary, Italy, Latvia,
Lithuania, Macedonia, Poland, Portugal, Romania,
Russia, Slovakia, Slovenia, Sweden, Turkey, Ukraine



EURO (The European standard
coupling according EN 13760)
Used in: Spain, Portugal

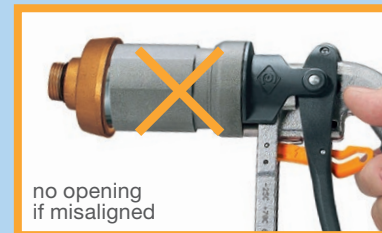
LPG AUTO LPG AUTO GAS MOTOR GAS FLÜSSIGGAS LP GAS GPL AUTOGAS OTOGAS AZ CAR GAS BILGAS AUTOGAZES OTÓGÁZ GLE EURO

ACME

Tradition continued - & perfected.



The intelligent lightweight.



The new European standard.



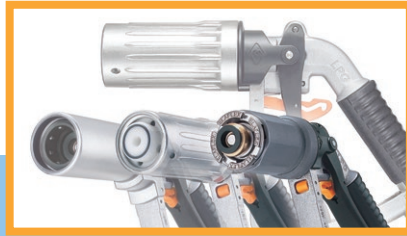
Well coupled

- Easy handling
- High operational safety
- Low gas release volume
- Robust and durable
- Modular construction
- Low weight
- Available as complete system with hose assemblies, safety break coupling and nozzle boot

ZVG 2: BETTER UNDER PRESSURE



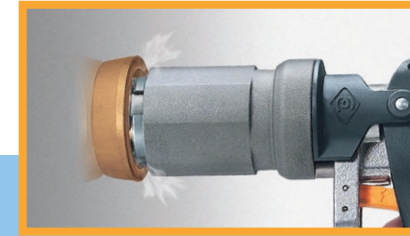
■ **Enhanced ACME coupling:** Coupling nut made of stainless steel with improved wear characteristics. External ribs for a better grip. Increased nut length, simplifies the connection with badly positioned filler necks. Longer ACME thread, protects against damages caused by cheap adapters and bad positioning. Return stop to prevent decoupling when the lever is latched in the open position.



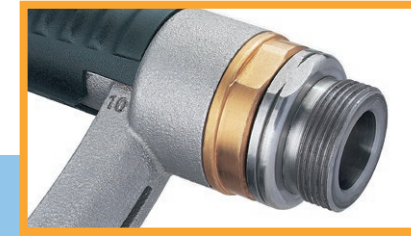
■ **Modular construction:** The nozzle body is identical for all coupling types (ACME, DISH and EURO). Many spare parts are interchangeable. An advantage for your spare parts stock and repair.



■ The modified lever construction **reduces the hold-open force by 40 %.**



■ ZVG 2 are characterised by a low gas release volume: ACME approximately 1,7 cm³, DISH and EURO < 1 cm³.



■ The new designed **swivel** is truly 'easy rotating', lighter and smaller than its predecessor. Service life and the sealing principle have also been improved.

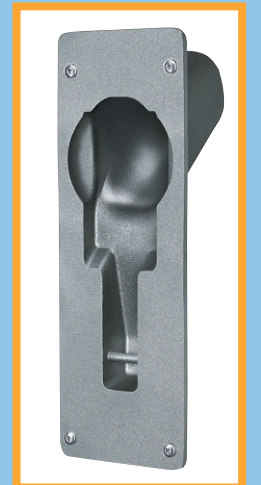


■ ZVG 2 ACME and DISH are **suitable for common nozzle boots**. The lever is well protected by the integrated aluminium guard.

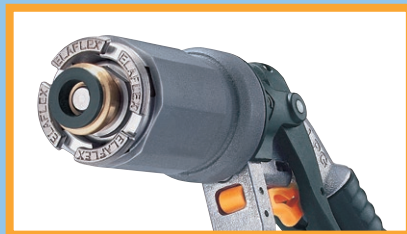


Patents for several construction details pending resp. granted.
Design protected for Europe / China.

On request we also supply **NB-ZVG** nozzle boots from own production.



■ **Low weight** due to intelligent design:
ZVG 2 ACME 1,46 kg
ZVG 2 DISH 1,19 kg
ZVG 2 EURO 1,41 kg (including swivel)



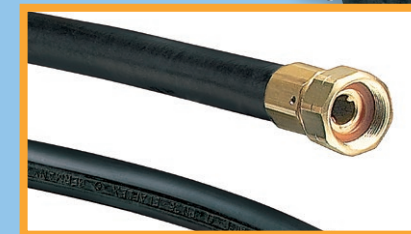
■ Better safety and coupling operation: the **ZVG 2 DISH** ('Italian' connector) can only be opened if the connection is made correctly. It does not allow refuelling if coupled misaligned / tilted.



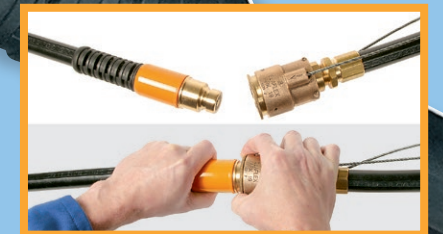
■ Optional – lightweight, inexpensive **block magnet** for reed switch contact-less on/off switching in the nozzle boot.



■ The ergonomic **composite contoured lever** provides a comfortable experience for the hand – especially at low temperatures. The self explanatory **new hold-open** latch can be used easily and single-handedly.



■ Accessory: **LPG 16 hose assembly** – highly flexible, especially in wintertime. Plasticiser-free. Long-lasting. LPG couplings, anti-kinking sleeves and colour sleeves of your choice.



■ Accessory: **ARK 19 Mod. 2** Safety Break for LPG hoses. Safe and functional – easy reconnection after drive-off incidents, without the need to purge the system. This must only be done by a suitably trained person.

EHT

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Autogas hose LPG 16

Safety Break
coupling
ARK 19 Mod. 2

LPG nozzle ZVG 2



Nozzle Boot NB-ZVG



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