

FAST MOVING TECHNOLOGY

*STÄUBLI*

# GPV 14 nozzle

Self service refueling | LPG (Autogas) vehicles





**Self-service filling for vehicles powered by liquefied petroleum gas.**

- Private vehicles
- Commercial vehicles
- Lift trucks...

- Compatible with the standardized EN13760 and ISO 19825 K15 receptacle that is present on the vehicle.
- Designed for incorporation in accordance with the Directive on Explosive Atmospheres 2014/34/UE (ATEX).
- UL certification according to the UL 125 standard.



**Reliable**

- No radial forces acting on the seals when the circuit is opened or closed during handling.
- No dynamic seals in the fluid stream.
- Autoclave front seal: the sealing force increases with pressure.

**Easy to use**

Just as simple to handle as a "gas pump" nozzle:

- Position the nozzle at the receptacle.
- Operate the trigger.

**Totally safe operation**

The inline connection principle rules out any handling errors:

- No gas flow is possible unless the refueling nozzle is engaged in the connecting piece.
- Incomplete locking is impossible.
- The circuit is closed and the nozzle unlocks automatically when the trigger is released.

**Storage holder**

To ensure a sustainable operation, the refueling nozzle must be stored away from the effects of weather and other pollutants in a specially designed holder (see the instruction sheet supplied with the product).

**Lightweight**

The nozzle weighs only 3.31 lbs.

**Safe and convenient**

The flat-surface, anti-pollution design permits spill-free connection and disconnection: no risk of burning due to the release of gas.

**Built-in safety**

Fully automatic operation:

- Audible click when the nozzle engages with the connecting piece.
- The circuit is closed and opened automatically when the trigger is activated.

**Nozzle customisation possible**

This is thanks to the space left free for your own logo.



**The opportunity to spend less and contribute to a sustainable development program.**

With Stäubli, you can rely on:

- the performance of your equipment
- reliability of long-term investments
- no workplace pollution

# Technical data

Maximum allowable pressure PS (psi)	363
Minimum and maximum allowable temperatures TS (°F)	- 40 to + 149
Minimum flow of LPG at 68 °F with a loss of 10.15 psi	33 gal/min
Maximum leakage volume	0.0244 cu in
Electrical resistance	< 10 Ohm
Resistance to saline spray	> 144 h
Mechanical strength	> 100,000 cycles
Weight	3.31 lbs

## Construction

- Aluminum casing
  - Insulated polyamide handling surfaces
- Materials compatible with LPG.

# Associated products



**For even greater safety, use the GPV 14 refueling nozzle in combination with the BRW 11 break-away coupling.**

This system permits immediate disconnection and automatic circuit shut-off if the hose is accidentally pulled

on or pulled out of the connecting piece. You can find out more about it in our documentation RQ002.

# Part numbers

		Thread	Part numbers
		NPT 3/4 female	N 001 866 09



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# Global presence of the Stäubli Group

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