

## CMV 08/C – type 2/3 Natural Gas for Vehicles (NGV)





**High-flow filling for heavy and light business vehicle fleets powered by natural gas.**



- Refuelling nozzle compatible with the standardized receptacles according to NGV 1, ISO 14469-1 and ISO 14469-3 that are present on the vehicle.
- Compliant with the European Pressure Equipment Directive 97/23/EC.
- Designed for incorporation in accordance with the ATEX Directive on Explosive Atmospheres 94/9/EC.

## **2 versions available with colour indication of the working pressure <sup>1</sup>**

- **Blue** model for P 30 - B 200 connection profile: nominal pressure **200 bar**
- **Yellow** model for P 36 - B 250 connection profile: nominal pressure **250 bar**

## **Reliable**

- Dual alignment guidance system for improved mechanical strength.
- No radial forces acting on the seals when the circuit is opened or closed during handling.
- No dynamic seals in the fluid stream.

## **Storage holder <sup>2</sup>**

To ensure smooth, trouble-free operation, the refuelling nozzle can be stored away from the effects of weather and other pollutants in a specially designed holder.

*(See the instruction sheet supplied with the product).*

## **Totally safe operation**

- Mechanical safety lock: no gas can flow if the refuelling nozzle is not engaged in the receptacle.
- Audible click when the nozzle engages with the receptacle to tell the user that the connection has been established correctly.

## **Robust, innovative locking system with rotary gripper**

- Robust connection combined with outstanding mechanical strength.
- Large contact surface making it possible to respect the geometry of the receptacle present on the vehicle.



## **Compact lightweight product**

## **Easy to use**

Reduced connection force: just push to connect and pull to disconnect.



**The opportunity to spend less and contribute to a sustainable development programme**

With Stäubli, you can rely on the performance of your equipment, reliability of long-term investments and no workplace pollution.



## Associated products



For even greater safety, use the **CMV 08/C refuelling nozzle in combination with break-away systems BRW 02 and BRW 08.**

These systems permit 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 them in the system documentation.



You can also discover our **full-range systems** for natural gas solutions in the related system documentation.

## Technical specifications

- Nominal pressures:
  - Blue model..... 200 bar
  - Yellow model ..... 250 bar
- Max. working pressure..... 315 bar
- Operating temperatures ..... - 40 °C to + 85 °C
- Flow rate:
  - Cv ..... 1.83

### Construction

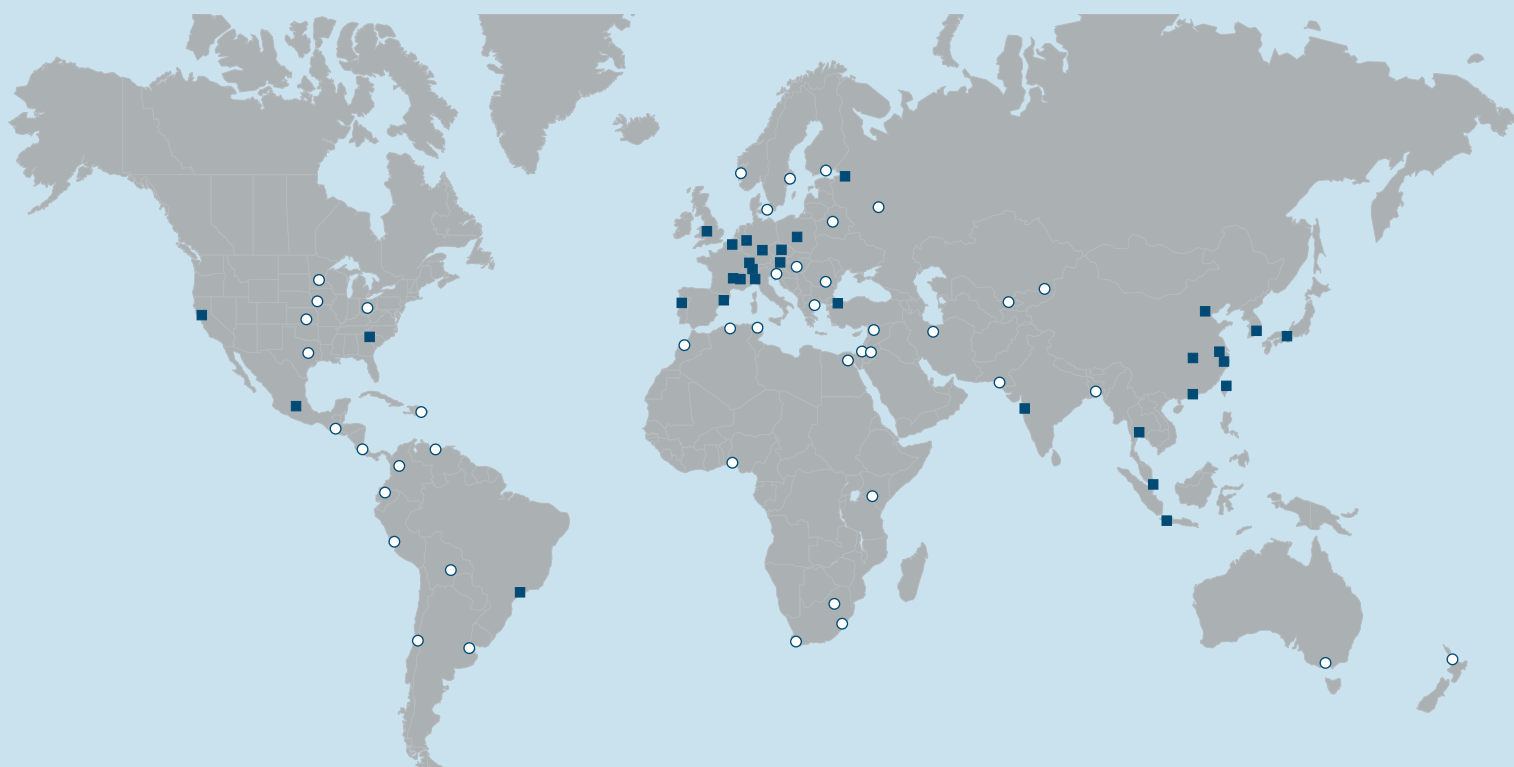
- Stainless steel body
  - Insulated polycarbonate handling surfaces
- Materials compatible with natural gas.

## Part-numbers

	Thread T	Part-numbers	
		Blue model	Yellow model
	G 1 / 4 Female thread	<b>N00816114</b>	<b>N01026014</b>
	UN 9 / 16 - 18 Female thread	<b>N01026114</b>	<b>N01021914</b>
		<b>CMV 08.9000/30</b>	

Please contact us for further options.

For contact details: [www.staubli.com/connectors/contacts](http://www.staubli.com/connectors/contacts)



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