

Liquefied Petroleum Gas (LPG) Fuel Injectors for Taxis and Urban Passenger Vehicles

Specifications :

Price	Contact us
Place of Origin	China
Min.Order Quantity	10
Payment Terms	OEM?ODM?OBM
Supply Ability	1000
Delivery Detail	3-7

Detail Introduction :

Parameter	Specification / Detail
Fuel Type	Liquefied Petroleum Gas (LPG - Liquid Line / Manifold Vaporization)
Fuel Composition	Propane / Butane Mixture
Injection Mode	Intake Manifold Injection with Instant Heat-Absorbing Vaporization
Core Advantages	Precise Fuel Control, Optimal Atomization, High Reliability, Lower Emissions
Target Applications	Taxis & Urban Passenger Fleet Vehicles

Urban taxis and fleet vehicles operate under continuous stop-and-go conditions where quick throttle response and fuel economy are essential. Engineered to receive LPG in its liquid state through supply lines, these injectors deliver fuel into the intake manifold, where it instantly vaporizes and absorbs heat. This rapid phase change creates a cool, dense air-fuel charge, improving volumetric efficiency, lowering combustion temperatures, and providing substantial fuel savings for fleet operators.

Key Product Highlights:

- Instant Manifold Vaporization:** Injects liquid LPG directly into the intake manifold for rapid heat absorption and instant gasification.
- Precise Fuel Control:** Fine pulse width metering keeps air-fuel ratios ideal across all city speed ranges.
- Fleet Fuel Economy:** Highly economical alternative fuel delivery reduces cost per kilometer for commercial operators.
- Reduced Tailpipe Emissions:** Ensures clean burning with low carbon residue, extending engine oil life and meeting strict urban emission standards.
- Target Applications:**
 - Urban Fleet Vehicles:** City taxis, passenger transport sedans, and municipal light commercial fleets.
- Why Choose Us:**

Every unit undergoes automated high-pressure liquid and gas leak testing along with dynamic flow calibration. We guarantee exact flow matching across sets, ensuring consistent cylinder balance, smooth performance, and hassle-free long-term fleet operation.