

FH-Razor

High performance LPG/CNG injection system

Part no.: LWR.1

Precision made of stainless steel, combined with fluoropolymer elastomer for excellent durability and ever-lasting cleanliness. Rated down to -40 degrees Celcius. FH-Razor real-world performance actually surpass every other gas supply system on the market.

Sophisticated but ingeniously simple internal design ensures parameters consistency and reliability you can always count on. Top-feed topology results in low pressure loss combined with high flow rates. Newly developed, highly optimized linear actuators provide razor-sharp injection timings and lightning fast operation.



Top Feed



Synthetic Fluopolymer
Coating



Low-temperature
optimized



High-speed
operation

Main features:

- Power supply: 10 - 16 V DC
- Maximum flow rate (without nozzle) 130 l/min
- Operational temperature range: -40 / +125 °C
- Gas compatibility: LPG / CNG
- Maximum opening current: 4.5 A / duration 2.8 ms
- Maximum holding current: 1.5 A
- Working pressure range: 0.0 - 4.0 Bar
- Plunger coating: anti stick, antifreeze
- Sealing on piston: fluo-polimer
- Bumper rubber: fluo-polimer
- Opening time: 1.85 ms +/- 0.05 ms
- Closing time: 0.9 ms +/- 0.1 ms
- Input filter: 120 mesh
- Brass nozzles for selecting the injector flow (nominal nozzle)
- Adapter length: 94,5 mm
- Maximum adapter diameter: 28 mm
- Calibration nozzle nominal diameter: 1.5 mm
- Adapter weight: 106 g

Versatile configuration:

- **Gas distributor** for 2/3/4 cylinders



- **Single adapters** to connect with Gas distributor




- **Distribution rail** for 2/3/4 cylinders



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FHT

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