

RazorPRO

High performance LPG/CNG injection system

Part no.: LWR.1P

Precision made from stainless steel, combined with fluoropolymer/elastomer for excellent durability and ever-lasting cleanliness. 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.

Razor PRO has removable nozzle assembly. Spring and piston can be cleaned.

Main features:

- Power supply: 10 - 28 V DC
- Maximum flow rate (without nozzle) **130 l / min**
- Gas compatibility: LPG / CNG
- Coil resistance: 1.9 Ω
- Maximum opening current: 4.5 A / duration 3 ms
- Maximum holding current: 1.5 A
- Working pressure range: 0.0 - 4.0 Bar
- Fluoropolymer coating: anti-stick, anti-freeze
- Proprietary FKM fluoroelastomer sealing
- Opening time: **1.85 ms**
- Closing time: **1.1 ms**
- Integrated 120 micron particle filter
- Nominal nozzles for selecting the injector flow
- Body length: 94.5 mm
- Maximum diameter: 28 mm
- Calibration nozzle nominal diameter: 1.5 mm
- Weight: 106 g



Top Feed



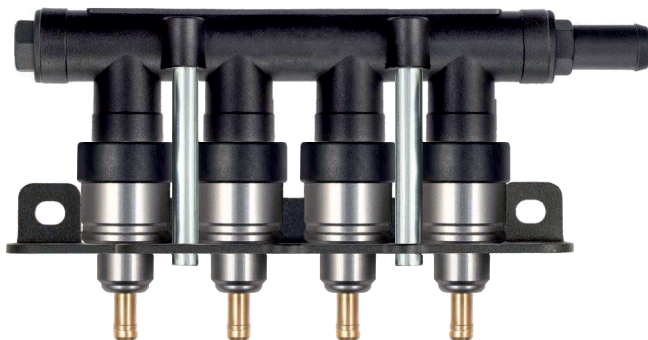
Fluoropolymer
Coating



Low-temperature
optimized



High-speed
operation



NEW UNIQUE FEATURE



Removable nozzle assembly
(special tool required)

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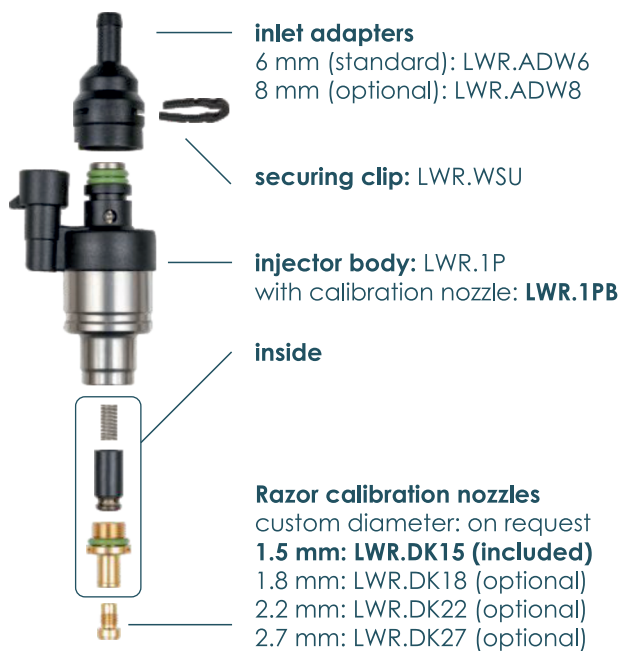
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VERSUSGAS
AUTO GAS equipment

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■ Razor PRO injector 1-cyl. LWR.1P KPL



■ Razor PRO service tool LWR.ST



■ Distributors 12/6 mm

(to connect LWR.1/LWR.1P+LWR.ADW6)

4-cylinder

6 mm R12/6/4CYL



3-cylinder

6 mm R12/6/3CYL



2-cylinder

6 mm R12/6/2CYL



■ Adapters (to connect LWR.1/LWR.1P)

L-adapter 12 mm

LWR.AK



T-adapter 12 mm

LWR.AT



■ Injector metal mounts (to connect LWR.1/LWR.1P)

2-cylinder: LWR.S2

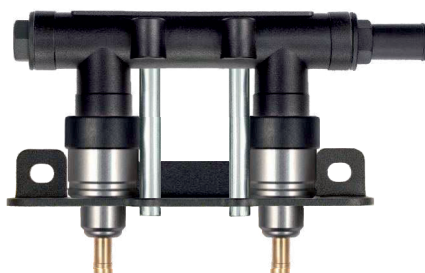
3-cylinder: LWR.S3

4-cylinder: LWR.S4

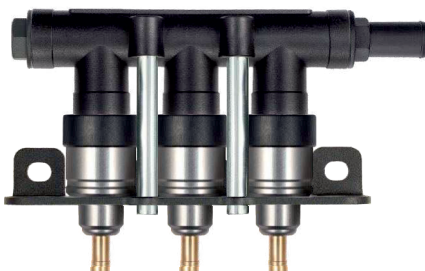


■ Injector sets (LWR.S2/3/4+LWR.1/LWR.1P)

Razor PRO injector 2-cyl.: LWR.2P KPL



Razor PRO injector 3-cyl.: LWR.3P KPL



Razor PRO injector 4-cyl.: LWR.4P KPL

