

EG RAILGAS

RAILGAS is an LPG/CNG injection rail with a classic piston design. The internal structure, consisting of metal and rubber elements and a piston, has been designed to ensure fast and stable opening and closing times even at high gas pressure. The rail is available in two versions: with a 2 or 3 Ohm coil equipped with a two-way, waterproof Amp/Delphi type connector.

The RAILGAS body is made of extruded, black, anodized aluminum. All metal elements have been manufactured using modern, precise CNC machines, which ensures high repeatability of the execution of individual parts of the injection rail. Internal components made of FPM and NBR are supplied by proven suppliers, which guarantees high durability of the rail in constant contact with LPG or CNG.

The design of the rail allows its regeneration using repair kits, which can be supplied at the customer's request.



DIMENSIONS: 86 x 154 x 47mm

TECHNICAL DATA:

- Maximum static flow, nozzle 3mm (at 1.2 bar): 100 l/min
- Working pressure 0.5-4.0 [bar]
- Maximum working pressure 4.5 [bar]
- Supply voltage 11 ÷ 16 [V DC]
- Working temperature: -40 ÷ 120 °C
- Connector adapted to plug: AMP Superseal 282080-1
- Opening time: \varnothing 2.7 [ms]
- Closing time: \varnothing 2.4 [ms]
- Coil resistance: 2.0 \pm 5% [Ω]
- Gas inlet \varnothing 12 [mm] For rubber hose
- Effective flow rate per cylinder: 10 – 32 K
- Versions: for single or rail mounting 3 cyl. or 4 cyl. •
- Calibration nozzle hole diameter:
1.5; 1.75; 2.0; 2.25; 2.5; 2.75; 3.0 [mm]