

The injection unit ensures that the right quantity of gas is delivered into the intake manifold at the intake valves. The electronic injectors are opened in the right sequence and at the right time to suit the engine's ignition cycle.

Characteristics

- 3Ω low resistance, peak & hold injectors
- 4 injectors in one rail
- Material: black plastic, PPS
- Integrated temperature sensor (depend of the model): NTC 4K7 @25°C, FCI Sicma connector
- Optionally integrated pressure and temperature sensor: Continental TMAP60

Technical specifications

Working temperature range	-40÷120°C
Coil resistance @ 20°C	3,0 Ω ± 7%
Opening time @13,5V (air @ 2bar, 20°C)	2,80ms
Static flow rate (air @ 2bar, 2.5mm nozzle)	2,78 g/s ± 7%
Max working pressure	4,5 bar relative
Working voltage range	8÷16V
Working gas	CNG and LPG
Homologations	ECE10R-02, ECE67R-01, ECE110R-00

Available Version

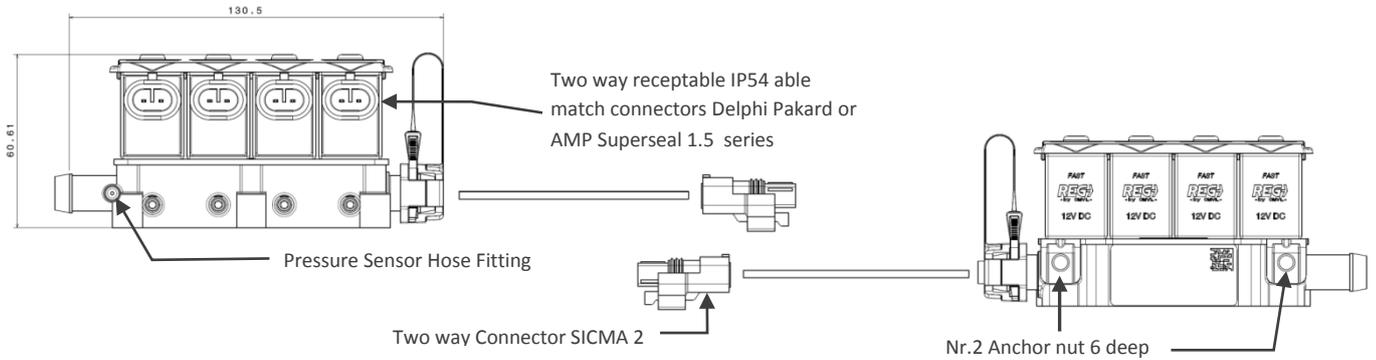
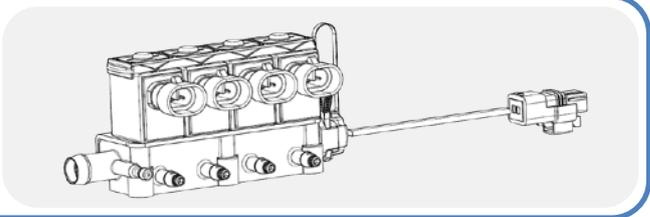
Code	Name	Description
904501	STD SUPER LIGHT INJECTION RAIL	SL Injection rail with Temperature Sensor Rail Cap with 2 way Connector SICMA 2
904502	SUPER LIGHT INJECTION RAIL PL	Super Light Injection Rail with Cap without NTC Sensor
904507	SUPER LIGHT INJECTION RAIL LC	Super Light Injection rail with Temperature Sensor Rail Cap without connector

Technical specifications of the available versions

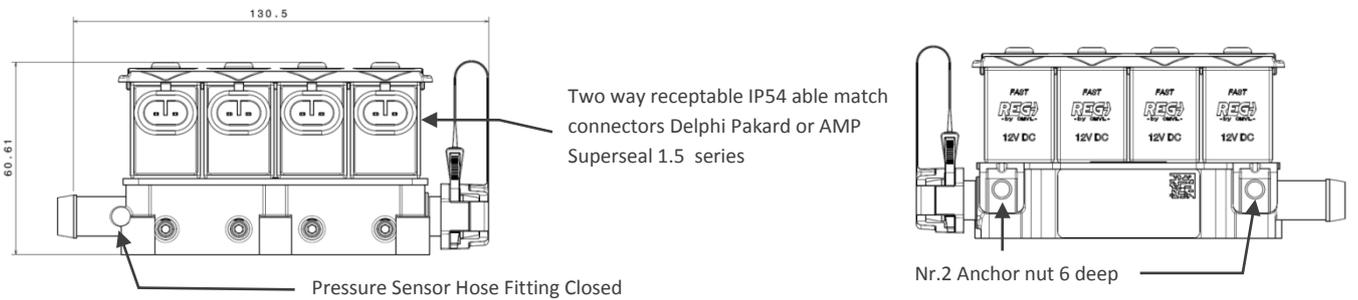
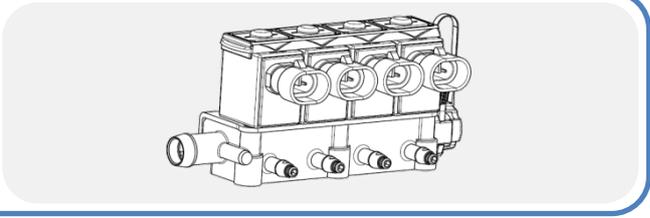
Model	Gas Inlet	Gas Outlet	Inlet Pressure	Injecror control electrical current	Temperature and Pressure sensor	Overall dimensions (mm)	Weight	Nozzle Diameter
904501	Male connection for rubber hose Ø int. 12	Male connection for rubber hose Ø int. 6	2,0 bar (reducer outlet relative pressure)	2÷1 A	Two way Connector SICMA 2	61x135x57	443,5 gr	Brass Nozzle D.2,50 mm
na					435 gr			
Two way without connector					412 gr			

Super-light injection Rail

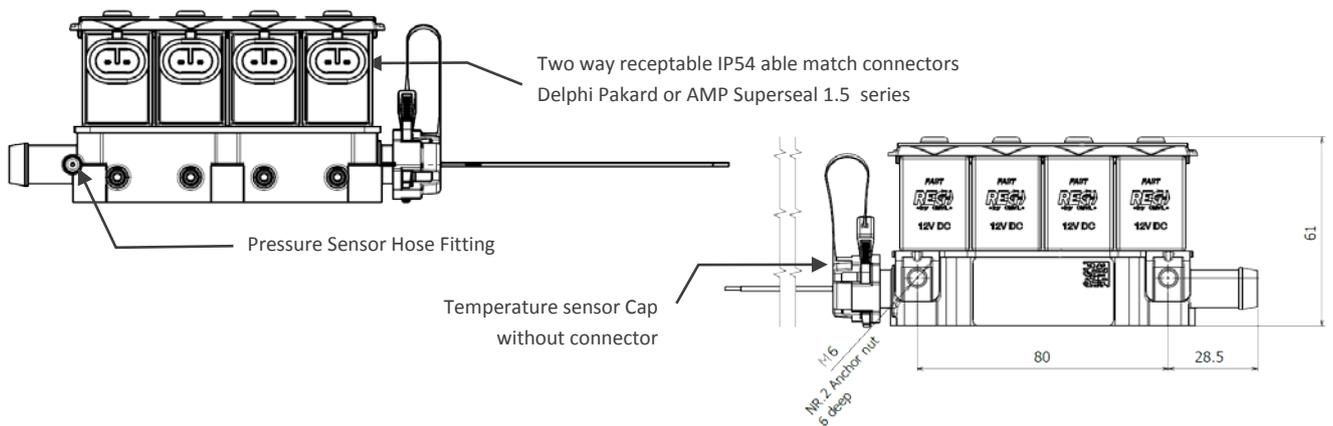
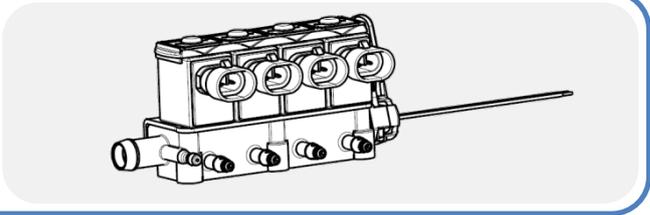
904501 - STD SUPER LIGHT INJECTION RAIL



904502 - SUPER LIGHT INJECTION RAIL - PL



904507 - SUPER LIGHT INJECTION RAIL - LC



Super-light injection Rail

Accessories / Spear parts

1	01732	Clamping plate
2	409010	Solenoid
3	900147	Revision kits of Super Light Injection rail
4	01826	Temperature Sensor Rail Cap
	01854	Temperature Sensor Rail Cap without connector
	01846	Rail SL Cap without NTC Sensor
5	01826	Nozzle D.1,75 mm
	01854	Nozzle D.2,00 mm
	01827	Nozzle D.2,50 mm (in original equipment)

Nozzle

Code	02070		01829		01828		01827	
Hole Diameter	1,5		1,75		2		2,5	
Head Diameter	5,6		5,6		5,6		4,3	

Theoretical limit of power injectors per cylinder

		LPG			
ΔP [bar]	Nozle [mm]				
	1,75	2,00	2,50	3,00	
0,90	13	19	23	27	
1,20	15	22	27	32	
1,70	19	28	33	39	

		CNG			
ΔP [bar]	Nozle [mm]				
	1,75	2,00	2,50	3,00	
2,00	12	18	21	25	

Flexible Installation & layout

