

**TECHNICAL SPECIFICATION
LPG / CNG INJECTOR RAIL TYPE 3.0 „VALTEK”**

1	PILOTING VOLTAGE OF COIL	12 D.C.	From E.C.U.
2	POWER OF COIL	48 W – 144 W	
3	PILOTING TYPE	PEAK and HOLD	
4	TIME FOR PEAK CURRENT	4,5 ms	
5	ELECTRICAL CONNECTION	Integrated waterproof connection two-ways Amp/Delphi compatible 1,5 mm	
6	RESISTANCE	3 Ohm +-4% - 1 Ohm +-4%	
7	FUNCTION	Injector Rail for Sequential Injection system	Use for LPG and CNG
8	NORMALLY	Closed	
9	MAX WORKING PRESSURE	0,45 Mpa	At 12V D.C. +20 °C
10	BURST PRESSURE	Over 10 MPa	
11	NUMBER VALVE SEAT AVAILABLE	4,3,2 and single	
12	OPENING TIME	3,3 ms	
13	CLOSING TIME	2,2 ms	
14	WORKING TIME	100%	
15	MAX AMBIENT WORKING TEMPERATURE	-20°C to +120°C	Continuous service
16	MEDIUM TEMPERATURE	-30°C to +65°C	
17	VALVES SEAT THREAD	M12x1	
18	INLET/OUTLET	Connection for rubber hose D 10 mm IN and D 5 mm OUT	
19	ANGLE IN – OUT	At 90°C	
20	CORROSION RESISTANCE	144 h ISO 9227	Ferrous parts yellow zinc plated 12 micron
		48 h ASTM B 117	
21	COLOR COIL	Red	
22	VALVE SEAT DIAMETER	4.0 mm	
23	DURABILITY TEST	20 000 cycles	With Δp 0,45MPa
24	ENDURANCE TEST	150 million of cycles	
25	VIBRATION RESISTANCE TEST	2 hours at 17 Hz with amplitude of 1,6 mm	
26	EXTERNAL LEAKAGE	Nothing	
	SEAT LEAKAGE	Nothing	
27	MOUNTING MATERIAL	Antivibration support, nozzles and fitting sensor	