

IG1 "APACHE"



TECHNICAL DATA

Available models		2, 3, 4 cylinders	
Working pressure		from 0,5 to 2,0 bar from 7 to 29 psi	
Max Working Pressure		3,0 bar 43 psi	
Rated Voltage (at coil)		10,8 - 14,4 V	
Minimum copper wire section for coil connection		0,75 mmq	
COIL TYPE		A3	A2
Coil Resistance (±5%) at T=25°C		3,0 Ohm	2,0 Ohm
Suggested peak current time		4,5 ms	4,2 ms
Cold Starting Requirements		Increase up to 20% the "peak current time" for first cycles when gas temperature is <10°C	
Suggested holding current (±10%)		1 A	1 A
Tested on new injector without nozzle at 12 V at coil and Δp = 1 bar T = 25°C	Opening time Closing time (±10%) (Total injection time 5 ms)	3,7 ms 2,8 ms	3,3 ms 2,8 ms
	Minimum injection pulse (±5%)	3,3 ms	3,0 ms
Inlet gas fitting		Rubber hose Ø 10 mm / Ø 12 mm / (Ø 14 mm) / (Ø 16 mm)	
Outlet gas fitting		Calibrated nozzles M8x1 for rubber hose Ø 6 mm - (Ø 5 mm) - (Ø 4 mm)	
Calibrated hole range (for nozzles)		1,0 - 3,5 mm (0,25 mm step)	
Gas Compatibility		LPG, CNG	
Power handling capability (more details on nozzle table)		LPG 1 bar up to 50 HP/cyl CNG 2 bar up to 45 HP/cyl	
Agreement and temperature range		67R-01 -20° C / +120° C	
		110R-00 -40°C / +120°C	