

IG3 "HORIZON"



TECHNICAL DATA

Working pressure		from 0,5 to 3,0 bar	
Max Pressure		4,5 bar	
Rated Voltage (at coil)		10,8 - 14,4 V	
Minimum copper wire section for coil connection		0,75 mmq	
COIL TYPE		E3	E2
Coil Resistance ($\pm 15\%$) at T=25°C		2,8 Ohm	2,0 Ohm
Suggested peak current time		3,5 ms	3,0 ms
Suggested holding current ($\pm 10\%$)		1,4 A	1,6 A
Cold Starting Requirements		Increase up to 20% the "peak current time" for first cycles when gas temperature is $< 10^{\circ}\text{C}$	
Tested on new injector without nozzle at 12 V at coil and $\Delta p = 1 \text{ bar}$ T = 25°C	Complete opening/closing time ($\pm 10\%$) (Total injection time 5 ms)	2,5 ms / 1,5 ms	2,1 ms / 1,5 ms
	Minimum injection pulse ($\pm 5\%$)	3,0 ms	2,6 ms
Inlet gas fitting		Rubber hose $\varnothing 10 \text{ mm}$ / $\varnothing 12 \text{ mm}$ / $\varnothing 16 \text{ mm}$	
Outlet gas fitting		Calibrated nozzles M8x1 for rubber hose $\varnothing 6 \text{ mm}$	
Calibrated hole range (for nozzles)		1,0 - 3,5 mm (0,25 mm step)	
Temperature range		-20°C / $+120^{\circ}\text{C}$	
Agreement		67R-01 / 110R-00	