



LNG Regulators

Technical Datasheet

DRAFT

Rev. 3 del 25/08/2021



Characteristics		Unit of M.	LNG RAIL			LNG RAIL With Solenoid Valve		
Type			One Stage with diaphragm			One Stage with diaphragm		
CNG Inlet filter rating		µm	No filter			100 µm filter serviceable		
Dimension			Outlet pressure [bar]	Diameter [mm]	Height [mm]	Outlet pressure [bar]	Diameter [mm]	Height [mm]
			2,3,4	62	80	2,3,4	62	148
			5,6,8	62	100	5,6,8	62	167
Body material			Aluminium			Aluminium		
Outlet fitting Material			Brass			Brass		
Weight		Kg	0.7			1.1		
Service Inlet Pressure		Bar	5 - 30			5 - 25		
Nominal Pressure		Bar	2 - 9			2 - 9		
Max Cng Flow		Kg/h	140			140		
Max Power Estimation		KW	410			410		
Max Allowed CNG leakage		Ncm ³ /h	15			15		
Switch On Condition		Kg/h	CNG Flow Rate < 5 Kg/h			CNG Flow Rate < 5 Kg/h		
Max Inlet Pressure		Bar	30			25		
Fitting	Inlet Fitting	mm	Thread 3/8 G ISO 228			Thread 3/8 G ISO 228		
	Outlet Fitting	mm	for Rubber Pipe Ø16			for Rubber Pipe Ø16		
	Map Fitting	mm	Ø 6			Ø 6		
Operating Temperature		°C	-40 to 120			-40 to 120		
Burst Pressure		Bar	100			100		
Solenoid Valve	Connector		Not present			AMP Superseal		
	Supply Voltage					12V or 24V		
ECE 110R Approval			TBD			TBD		