



## Technical Data Sheet LPG Solenoid Valve VG6 12V DC

last update 2020/03/19

Component classification as 67R-01	Class #3
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Characteristic	Unit	Value	Note
Voltage of coil	Volt	12V D.C.	
Power of Coil	W	11	
Electrical connection		2 way Amp/Delphi super seal female connector with tab contacts	
Resistance	$\Omega$	1, 2, 3	
Function		Shut-off valve	Shut-off valve normally closed
Compatibility with gas		LPG only	
Max working pressure	MPa	3	At 12V D.C. +20°C
Burst Pressure	MPa	$\geq 6,75$	
Working time		100%	
Max ambient working temperature	°C	-20°C / +120°C	Continuous service
Medium temperature	°C	-30°C / +65°C	
Approvals		67R- 01	
Valve seat thread	mm	M12x1	
Inlet / Outlet	mm	M10x1 Female - Female	
Filter paper element surface	mm <sup>2</sup>	7600	
Minimum pore size	micron	30	
Color coil		Black	
Text		RAIL on the coil and on the body cover	
Max opening pressure under reduced voltage	V - MPa	10V - 1,6 MPa	Ambient temperature +20°C
Lifetime	Years	10 Years	In normal work condition
Endurance test		100.000 cycles	with $\Delta p$ of 0,2 MPa
External Leakage	cc/h	$\leq 15$	