

# ALUMINIUM SOLENOID VALVE

Tecno  
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## MANUAL-RESET ALUMINIUM SOLENOID VALVE

These solenoid valves have been designed to be combined with any gas detection system which sets off a warning signal to shut off the main delivery when an emergency situation is detected. All solenoid valves are normally open with reset manually in compliance with european standard EN 50194 governing gas detection system.



### TECHNICAL SPECIFICATIONS

- » Max. Pressure 550 mbar / 6 bar
- » Body Material Aluminium
- » Closing Time < 1 sec.
- » Supply Voltage 230 Vac (-15%+10%) 50-60Hz 11VA
- » Connections Threaded as ISO 228/1
- » Protection IP65
- » Working Temp. -15°C ..... +60°C
- » Approval Directive 2014/68/UE (PED)

Model	Connection Size	Operation Type	Max. Pressure	Flow Rate (m <sup>3</sup> /h)
VR510AL	3/4"	Normally Open	550 mbar	6
VR520AL	1"	Normally Open	550 mbar	13
VR930AL	3/4"	Normally Open	6 bar	6
VR932AL	1"	Normally Open	6 bar	13

### OPERATING PRINCIPLE

There is no electrical absorption during normal operation and so no part of the system undergoes wear; there is no annoying buzzing or vibrations, and energy is saved. However, when voltage is applied to the electromagnetic coil, the closure mechanism is released. To reset the solenoid valve, check that the coil is not receiving current. Unscrew the "protective plug" and pull the reset knob and after that, screw the "protective plug".

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