# PILOT SOLENOID GAS VALVES EVO AND VM-R/OT

### FEATURES 3EVO - 4EVO - 6EVO

- Class A
- Valve body:
- Plunger: AISI430F
- ullet Fast opening/closing rate: (< 1s) without flow adjuster
- Pipe size: 3/8" 1/2" 3/4"
- Max. capacity: 4.5 Nm<sup>3</sup>/h of natural gas with  $\Delta P=10$  mbar
- Max. operating pressure: 200 mbar
- Max. operating temperature:  $-15 \,^{\circ}\text{C} \div +60 \,^{\circ}\text{C}$
- Voltage: 12/24/110/230Vac +10%-15% 50/60 Hz \*
- Connector: PG09
- Power consumtion: 8 VA
- Electrical protection: IP65
- Mass: 0.6 kg
- All mounting positions except coil down
- The solenoid valve has also been certified for CE-51BP2537 in according to EN161 and for following directives: 90/396/EEC (Gas Directive), 94/9/EC (ATEX Directive), 89/336/EEC (Electromagnetic Compatibility) and 73/23/EEC (Low Voltage).



#### FEATURES VM-R/OT

- Class A Group 2
- Valve body: brass
- Plunger: AISI416
- Spring: AISI302
- Fast opening/closing rate: (< 1s) without flow adjuster
- Pipe size: 3/8" 1/2"
- Max. capacity: 4 Nm $^3$ /h of natural gas with  $\Delta$ P=10 mbar
- Max. operating pressure: 200 mbar
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- Max. operating temperature:  $-10 \, ^{\circ}\text{C} \div +60 \, ^{\circ}\text{C}$
- Voltage: 115/230Vac +10%-15% 50/60 Hz \*
- Connector: Pg9
- Power consumtion: 12 VA
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- Electrical protection: IP54
- Mass: 0.4 kg
- All mounting positions except coil down
- The solenoid valve has also been certified by GASKET n° CE-0063AQ1350 in according to EN161.







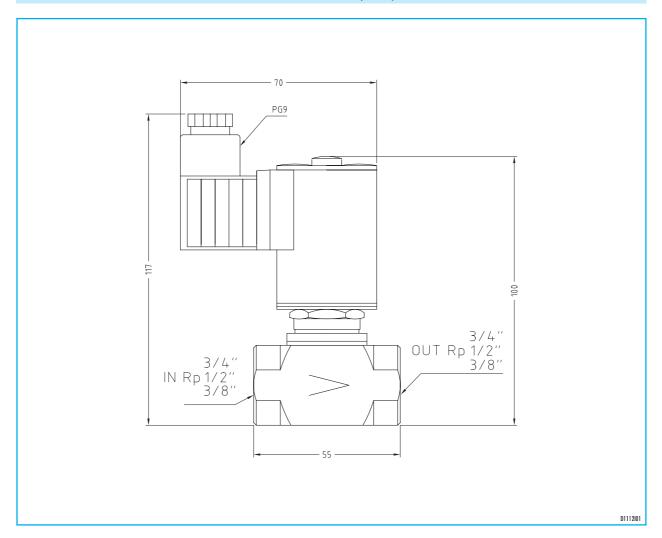
### INSTALLATION AND OPERATING INSTRUCTIONS (FOR ALL SOLENOID VALVES)

# PLEASE READ THE FOLLOWING OPERATING INSTRUCTIONS BEFORE USE! THIS EQUIPMENT MUST BE INSTALLED ACCORDING TO THE PRESCRIPTION IN FORCE!

- Make sure that all operating data indicated on the safety shut-off valve label correspond to those of the system;
- 2) Remove the protection plugs from the safety shut-off valve;
- Before installing the safety shut-off valve, make sure that the pipeline is free from impurities and perfectly aligned with the valve body. The pipeline must be vibration free;
- The sealing material must be applied to the external thread of the pipeline only an not to the internal thread of the safety shut-off valve;
- The flow direction indicated by the arrow on the valve body must be respected;
- The safety shut-off valve can be installed either horizontally or vertically, provided that the coil is not turned downwards;
- For installing the safety shut-off valve on the pipeline, do not use the magnet as a lever, but use the proper wrench;
- 8) The equipment is maintenance-free.



## DIMENSIONS (EVO)





## DIMENSIONS (VM-R/OT)

