



GAS LEAK DETECTORS AND SOLENOID SAFETY VALVES

993 Solenoid safety valve, normally open

INSTRUCTIONS

993 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 reset manually in compliance with european standard EN50194 governing gas detection system.

OPERATING PRINCIPLE

Normally Open (N.O.)

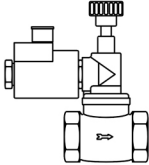
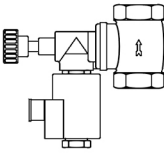
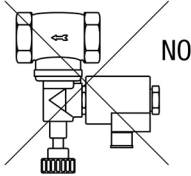
There is no electrical absorption during normal operation and so no part of the system undergoes wear; there is no annoying buzzing or vibrations, and energy is saved. However, when voltage is applied to the electromagnetic coil, the closure mechanism is released.

To reset the 993 solenoid valve, check that the coil is not receiving current. For the valves 550mbar (from DN15 to DN50) pull the "Reset knob", for the valves 6bar (from DN15 to DN 50) push upward the "Reset knob".

INSTALLATION AND POSITIONING

Read instructions before use. This control must be installed in accordance with the rules in force. The solenoid valve must be positioned with the arrow stamped on the body turned towards the user appliance. The valve must be positioned upstream of the regulation apparatus and preferably outside the measurement zone.

N.B. Please install the valve sheltered from the atmospheres agent.

| Size | Horizontal position | Vertical position | Overturned position |
|-----------------|---|---|--|
| From 1/2" to 2" |  |  |  |

MAINTENANCE

The solenoid valve's intervention should be checked periodically. Should disassembly be necessary, make sure there is no gas under pressure inside the valve and that it is not connected to the power supply before starting.

All maintenance operations should be carried out by qualified personnel.