

ISIMET
103 C. J. Wise Parkway
Naples, TX 75568
(866)897-0737 fax (903)897-0740



www.ISIMET.com

ISIMET Latching Solenoids for Domestic Water Systems

The 200-220 Series ISIMET brass, general service solenoid with 12 vdc coil is ideally suited for applications where hard water or water containing high levels of sulfates is present.

When provided with the ISIMET Pulse PCB, these solenoids will operate to turn ON and OFF the water systems in science laboratory classrooms by latching open the valve with the ON operation and latching closed upon withdrawal of the operating signal. By this means the solenoid coil is not continually energized during the ON sequence, thus reducing the risk of water deposits from forming in the solenoid or sulfates from corroding the working components of the valve.

In normally expected operation of a water solenoid valve, contentious water flow is expected when the solenoid is activated thus opening the valve. Within a science laboratory water flow will occur only when there is a demand for water at a laboratory work station. In cases where the water solenoid valve is energized for long periods without water flow the risk of contamination of the valves working components is enhanced.

The use of the ISIMET Latching Solenoid along with the Pulse PCB will avoid the specific issues that cause premature failure of the solenoid, thus making their use an excellent alternative to typical solenoids in piping designs of the science laboratory classroom.

DOC# 16012

April 2015