

SPECIFICATIONS

Description: Slow-closing two-way, normally closed pilot control and coupled solenoid valve.

Features: Water hammer free design.
Zero differential pressure.
Low Noise.

Materials: Compact Nickel plated body with EPDM seals.

Electrical Connection: 1/2 " NPT conduit

Ambient Temperature: Maximum 131° F

Media Temperature: Maximum 176° F

Pressure Range: 1.5 -145 PSI

Operating Voltages: 120V Standard.
Others available upon request.

Protection Class: IP 65 with cable plug



02/17

CARLON METER, INC. • PRODUCT WARRANTY

Carlon Meter, Inc. (hereinafter Carlon or "the company") warrants products of its manufacture to be free of defects in material or workmanship. Liability under this warranty extends for twelve (12) months from the date of purchase. Liability is limited to repair or replacement of any failed product or assembly proven to be defective in material or workmanship upon manufacturer's examination. Removal and installation costs are not included under this warranty. Manufacturer's liability shall never exceed selling price of the meter or assembly in question. Carlon disclaims all liability for damage its products caused as the result of improper installation, maintenance, use or attempts to operate products beyond their intended functionality, intentionally or otherwise. Carlon is not responsible for damages, injuries or expenses incurred through the use of its products. The above warranty is in lieu of all other warranties, either expressed or implied. No agent of the company is authorized to alter or otherwise revise this warranty.

Installation and Operating Instructions

Model SCV Slow Closing Valve



Leaders in water measurement and control

1710 Eaton Drive
Grand Haven, MI 49417

Ph: (616) 842-0420

Fax: (616) 842-1265

E-mail: carlon@carlonmeter.com

Website: www.carlonmeter.com

**For complete specifications, visit our website www.carlonmeter.com*

Installation Instructions for Carlon Solenoid Valves

1. Flush the line thoroughly after plumbing changes to eliminate the possibility of foreign materials reaching the valve.
2. Do not exceed operating pressure of 145 psi.
3. Valve may be installed in any position, however ideal installation will be with the solenoid facing up.
4. It is recommended that if there is any possibility that the water supply contains foreign materials, a strainer should be installed upstream of the valve.
5. Seal the threaded pipe to be connected to the valve with a pipe sealing "Teflon" type tape. Do not use pipe-dope.
6. When screwing the valve to the pipe, be sure to affix wrench at the base of the valve and never on the valve housing or any portion of the valve housing. Do not use a wrench on the solenoid (coil) to turn the valve.

Basic Troubleshooting

If the valve fails to perform, please check the following:

1. Check the manual override and valve speed adjustment.
2. Check the voltage to ensure compatibility between power source and valve specification.
3. Check the pressure. Do not exceed 145 psi.
4. Check line for debris. If a strainer has been installed as directed, be sure to clean the screen. Remember, Carlon strainers may be cleaned without interrupting water flow by simply removing the bushing and removing the screen as needed for cleaning.

Manual Override and Valve Speed Adjustment



Thread into the valve in a clockwise rotation until desired closing speed is found

Versions with LED

