



Baker Hughes  **Masoneilan**
DRESSER

www.bennypass.com

SVI™

Digital Valve Positioner

Accurate, Responsive and Reliable

The third generation Baker Hughes **Masoneilan™ SVI** is a user friendly digital valve positioner for pneumatic control valves. Utilizing advanced control and diagnostic algorithms, along with field-proven non-contact position sensing technology, the SVI delivers accurate, responsive, and reliable positioning performance.



Optimize Service

Data driven valve maintenance via new Online Valve Diagnostics with up to 1 year of data storage.



Improve Reliability

Built on 20+ years of proven technologies like non-contact magnetic position sensing.



Increase Efficiency

Simple, easy to use, modular platform featuring 1-button SmartCal setup and universal mounting.



Reduce Emissions

Low Bleed Pneumatics reduce air consumption by 40%⁽¹⁾ while maintaining best in class control and response.

⁽¹⁾ As compared to conventional positioners.



valves.bakerhughes.com



SVI3

Model* **SVI3- Smart Valve Interface - 3rd Generation**

a **Diagnostics**
 2. Advanced Diagnostics
 3. Online Valve Diagnostics

b **Pneumatic Train / Capacity / Fault State**
 1. Single Acting, Standard Flow (Cv >=0.5), De-energize on fault (Fail Safe)

c **Instrument Air / Temperature**
 1. Compressed Air or Natural Gas, Standard Temperature (-40°C to 85°C), Nitrile Diaphragms
 2. Compressed Air Only, Extreme Temperature (-55°C to 85°C), Silicone Diaphragms

d **Construction / Display**
 1. Aluminum / No Display
 2. Aluminum / Display with local interface
 3. Stainless Steel / No Display
 4. Stainless Steel / Display with local interface

e **Communication**
 1. 4-20mA - HART® Communication Protocol

f **Input/Output Options**
 1. None
 2. 4-20mA Analog Output (Position Retransmit) Quantity (1)
 Configurable Switched Outputs Quantity (2)
 Configurable Switched Input Quantity (1)
 1-5V Remote Position Sensor Input (1)
 Masoneilan Remote Position Sensor(RPS) Input (1)

g **Agency Approvals**
 0. None
 1. Hazardous Area Unilable (ATEX, IECEx, US, Canada, UKEX, EOM, RCM, CMIM)

0. None
 1. India (CCOE)
 2. China (CCC), Taiwan (ITRI)
 3. Russia (CU-TR) Azerbaijan (AZS), Uzbekistan (GOST-U)
 4. Brazil (INMETRO)
 5. Japan (JIS)
 6. South Africa (IA)
 7. Ukraine (UATR)
 8. Korea (KOSHA)

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Example: SVI3-31111210

* Some models and options are mutually exclusive. Consult your local Masoneilan Authorized representative for a complete list of available models.