

# Smart Valve Positioner

SVP3000 Alphaplus

**FULLY  
AUTOMATIC**

All you  
need to do  
is just  
switch on...

# SVP3000 Alphaplus



High accuracy smart valve positioner  
gets the best process performance out of your control valves.

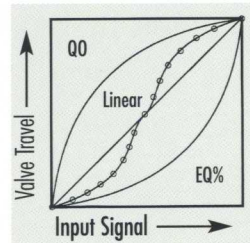
## Fully Automatic Auto Set-up, Auto Configuration, and Auto Calibration

### BENEFITS

- **IMPROVES PROCESS CONTROL**  
High accuracy and high resistance to vibration improve control valve performance, allowing tighter process control and reduction in product variability.
- **IMPROVES PRODUCTIVITY**  
Easy-to-use fully automatic set-up and calibration, with diagnostics, makes these tasks easier and able to be completed in less time.
- **REDUCES SPARES**  
Single universal model applies to most valve applications.

### FEATURES

- Compact, rugged, and lightweight
- Optional valve travel position transmitter (4-20mA)
- Configurable low flow cut-off
- Integral Auto-Manual bypass switch
- Split range setting
- Configurable valve output characterization for unique application.
- Communication:
  - HART®
  - DE
  - FOUNDATION™ Fieldbus



### EASY TO ADJUST

- No hand held communicator required, just switch with a screwdriver.
- Automatic valve calibration sequence for optimum valve performance.
- Externally accessible switch for auto set-up, auto configuration and auto calibration.
- Auto-set dynamically scans valve assembly and makes optimum adjustments.
- Non-interactive zero and span adjustments.

### MAIN SPECIFICATION

Input:	4-20mA Split range
Enclosure:	NEMA 4 equivalent, IEC IP66 equivalent
Approval Bodies:	FM/CENELEC/NEPSI/CSA Explosion Proof/Intrinsically Safe (For specific models, refer to Sales)
Air supply pressure:	130 to 700kPa (20 to 100psi)
Vibration characteristics:	2G at 5 to 400Hz
Ambient temperature:	-40°C to 80°C (-40°F to 175°F)
Weight:	2.5kg (5.5lbs.)

Specifications are subject to change without notice.

#### Yamatake Corporation

Totate International Building  
2-12-19 Shibuya  
Shibuya-ku, Tokyo 150-8316  
Japan  
Tel: 81-3-3486-2310  
Fax: 81-3-3486-2593



Certificate No. Q17862



Certificate No. E8318  
For Shonan Factory



**YAMATAKE**

Savemation

Saving through Automation