

**azbil**

# SVP3000 Alphaplus™

Smart Valve Positioner

Improve your control valves.



- Improves process control
- Improves productivity
- Reduces spares



FOUNDATION

**HART**  
COMMUNICATION PROTOCOL

# 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

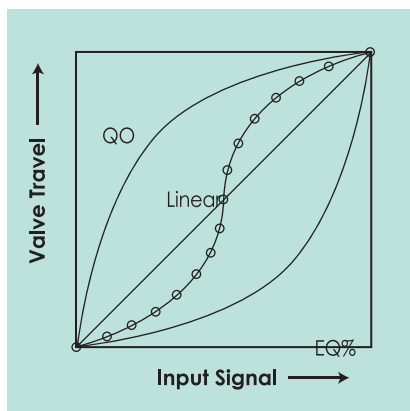
Easy-to-use fully automatic set-up and calibration, with diagnostics, makes these tasks easier and able to be completed in less time.

### Reduces spares

Single universal model applies to most valve applications.

## Features

- Compact, rugged, and lightweight
- Optional valve travel position transmitter : 4-20mA (Model AVP301)
- Configurable low flow cut-off
- Integral Auto-Manual bypass switch
- Split range setting
- Configurable valve output characterization for unique application.
- Communication :
  - HART® (Model AVP302)
  - FOUNDATION™ Fieldbus (Model AVP303)



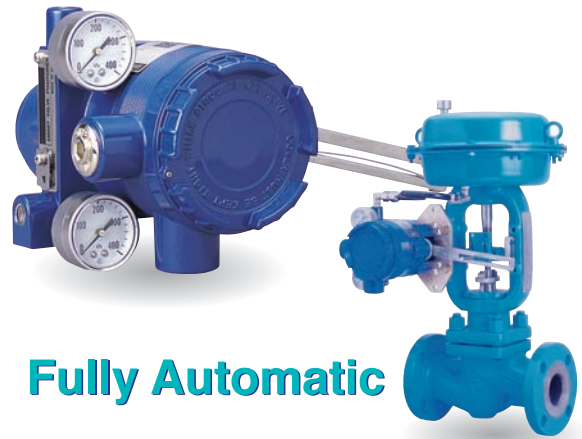
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FOUNDATION is a trademark of Fieldbus Foundation.  
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## Azbil Corporation

Advanced Automation Company

Yamatake Corporation changed its name to Azbil Corporation on April 1, 2012.

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## Fully Automatic

## 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, automatic configuration and automatic calibration.
- Auto Set-up dynamically scans valve assembly and makes optimum adjustments.
- Non-interactive zero and span adjustments.

### Main Specification

<b>Basic Model</b>	AVP 300 / 301 / 302 / 303
<b>Input</b>	4-20 mA (Split range is possible), Fieldbus
<b>Enclosure</b>	NEMA 4 equivalent, IEC IP66 equivalent
<b>Approval Bodies</b>	FM / ATEX / TIIS / NEPSI / CSA Explosion Proof / Intrinsically Safe (For specific models, refer to Sales)
<b>Air supply pressure</b>	130 to 700 kPa (20 to 100 psi)
<b>Vibration characteristics</b>	2G at 5 to 400 Hz
<b>Ambient temperature</b>	-40 °C to 80 °C (-40 °F to 175 °F)
<b>Weight</b>	2.5 kg (5.5 lbs.)

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