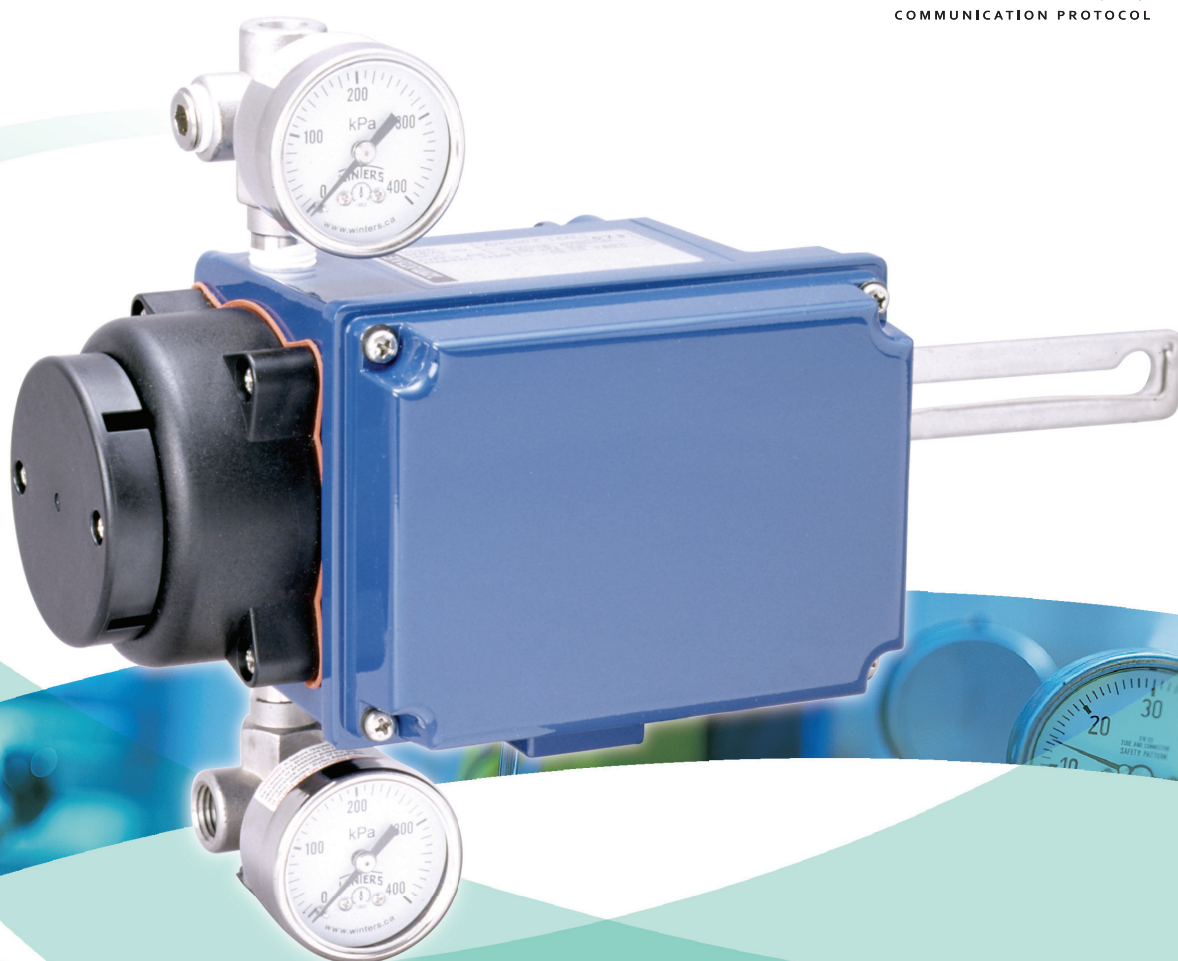


azbil

Smart Valve Positioner

100 Series

Fully Automatic**HART**
COMMUNICATION PROTOCOL

- 1 Improves process control
- 2 Improves productivity
- 3 Reduces spares

Azbil Corporation

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.

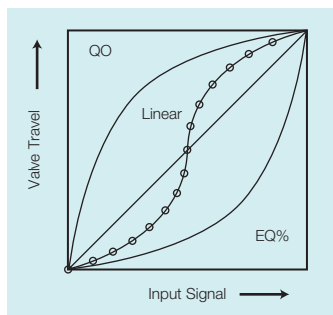
Reduces spares

Single universal model applies to most valve applications.



Features

- Compact, rugged, and lightweight
- Configurable low flow cut-off
- Integral Auto-Manual bypass switch
- Split range setting
- Configurable valve output characterization for unique application.
- Communication: HART®(Model AVP102)



Please read "Terms and Conditions" from the following URL before ordering and use.
<https://www.azbil.com/products/factory/order.html>

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Easy to adjust

- No hand held communicator required, just switch.
- Automatic valve calibration sequence for optimum valve performance.
- Internally 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 Specifications

Input	4 to 20 mA (Model AVP100) 4 to 20 mA HART Communication(Model AVP102)
Input resistance	300 Wmax/20 mA (Model AVP100) 400 Wmax/20 mA (Model AVP102)
Enclosure	NEMA 4X equivalent IP66 equivalent
Approval Bodies	Intrinsically Safe CCC
Air supply pressure	130 to 700 kPa (20 to 100 psi)
Vibration characteristics	2G at 5 to 400 Hz
Ambient temperature	-40 °C to +80 °C (-40 °F to +175 °F)
Weight	1.7 kg (3.7 lbs.)

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