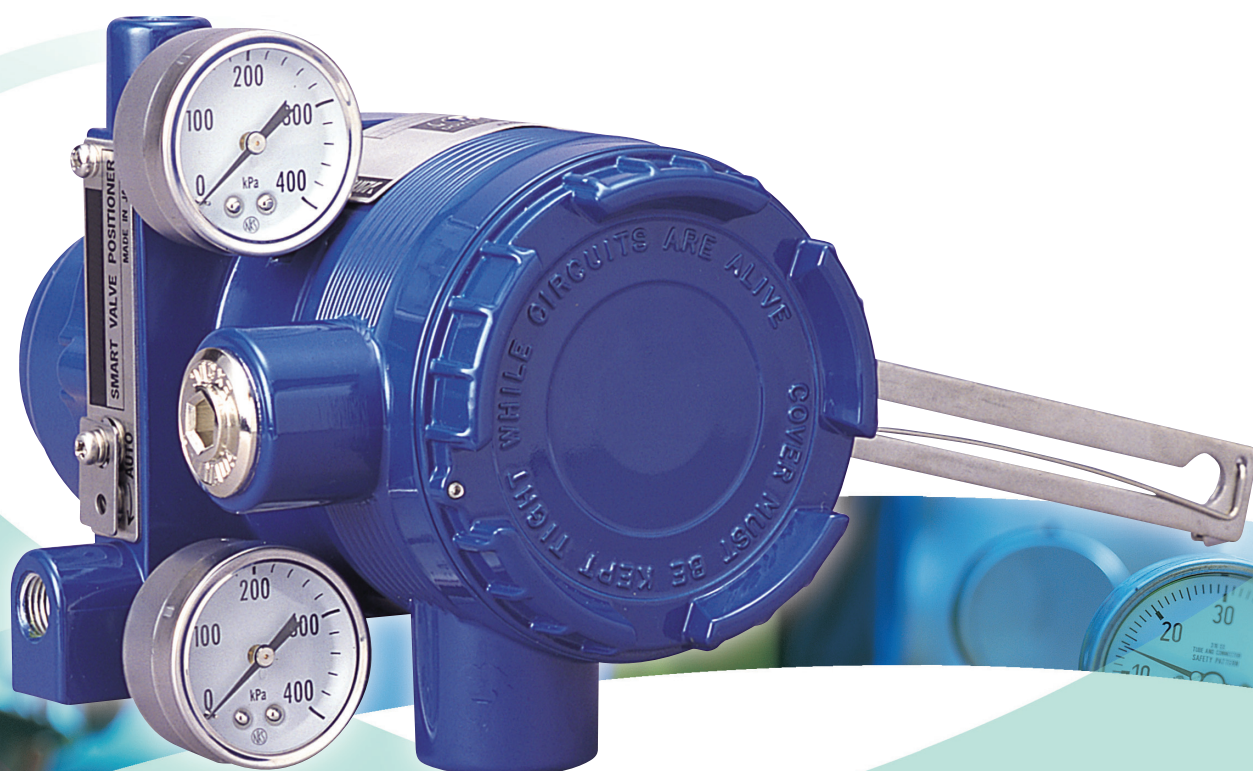


azbil

Smart Valve Positioner

300 Series

Improve your control valves**HART**
COMMUNICATION PROTOCOL

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

Azbil Corporation

Auto Set-up, Auto Configuration, and Auto Calibration

Benefits

Improves process control

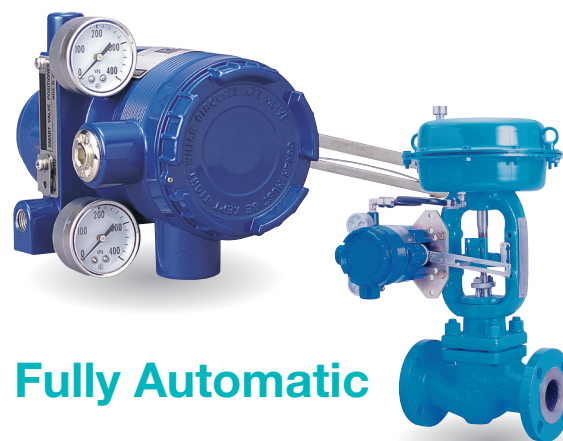
High accuracy and high resistance to vibration improve control valve performance, allowing tighter process control and reduction in product variability.

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.



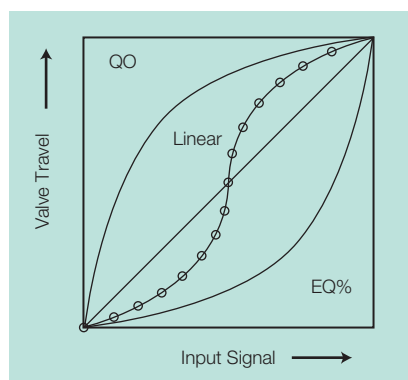
Fully Automatic

Features

- Compact, rugged, and lightweight
- Optional valve travel position transmitter : 4 to 20mA (Model AVP301/307)
- Configurable low flow cut-off
- Integral Auto-Manual bypass switch
- Split range setting
- Configurable valve output characterization for unique application.
- Communication : HART® (Model AVP302/307)

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

Basic Model	Model AVP300/301/302	Model AVP307
Input	4 to 20 mA (Split range is possible)	
Enclosure	NEMA 4 equivalent, IEC IP66 equivalent	
Approval Bodies	TIS/KCs/FM/ATEX/CCC/IECEX/INMETRO/CNS Flameproof FM/ATEX/CNS Intrinsically Safe CCC Intrinsically Safe and Flameproof	TIS/KCs/ATEX/CCC/IECEX Flameproof ATEX Intrinsically Safe CCC Intrinsically Safe and Flameproof
Air supply pressure	140 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	2.5 kg (5.5 lbs.)	

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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