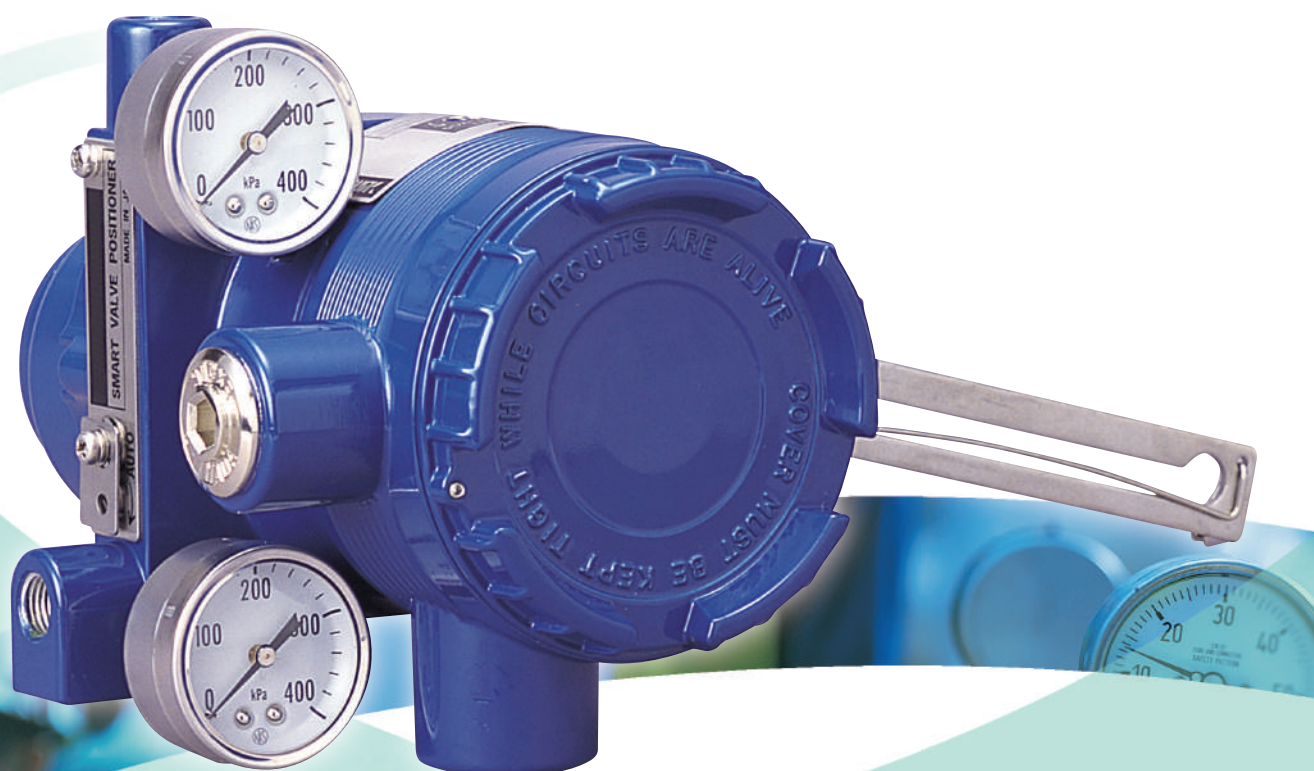


azbil

Smart Valve Positioner 300 Series

Improve your control valves.

HART 
COMMUNICATION PROTOCOL



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

Auto Set-up, Auto Configuration, and Auto Calibration

Benefits

Improves process control

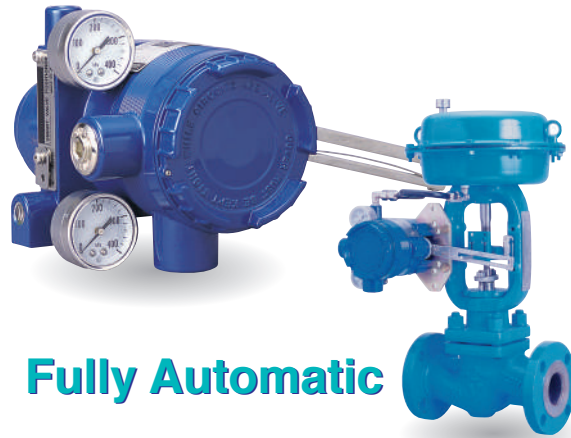
High accuracy and high resistance to vibration improve control valve performance, allowing tighter process control and reduction in product variability.

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

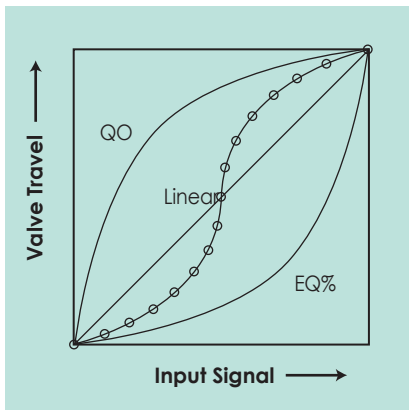
Single universal model applies to most valve applications.



Fully Automatic

Features

- Compact, rugged, and lightweight
- Optional valve travel position transmitter : 4-20mA (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)



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	AVP 300 / 301 / 302
Input	4-20 mA (Split range is possible)
Enclosure	NEMA 4 equivalent, IEC IP66 equivalent
Approval Bodies	FM / ATEX / TIIS / NEPSI Explosion Proof / Intrinsically Safe (For specific models, refer to Sales)
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	2.5 kg (5.5 lbs.)

Please read "Terms and Conditions" from the following URL before ordering and use.

<http://www.azbil.com/products/factory/order.html>

HART is a registered trademark of FieldComm Group.
Other product names, model numbers and company names may be trademarks of the respective company.

[Notice] Specifications are subject to change without notice.
No part of this publication may be reproduced or duplicated without the prior written permission of Azbil Corporation.

Azbil Corporation

Advanced Automation Company

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

1-12-2 Kawana, Fujisawa
Kanagawa 251-8522 Japan
URL: <http://www.azbil.com>

1st Edition : issued in Mar. 1998-AZ
12th Edition : issued in Jan. 2017-AZ