

RAYA

RAYA ENERGY ENGINEERING AND INSTRUMENTATION

C O M P A N Y



Valve Positioners

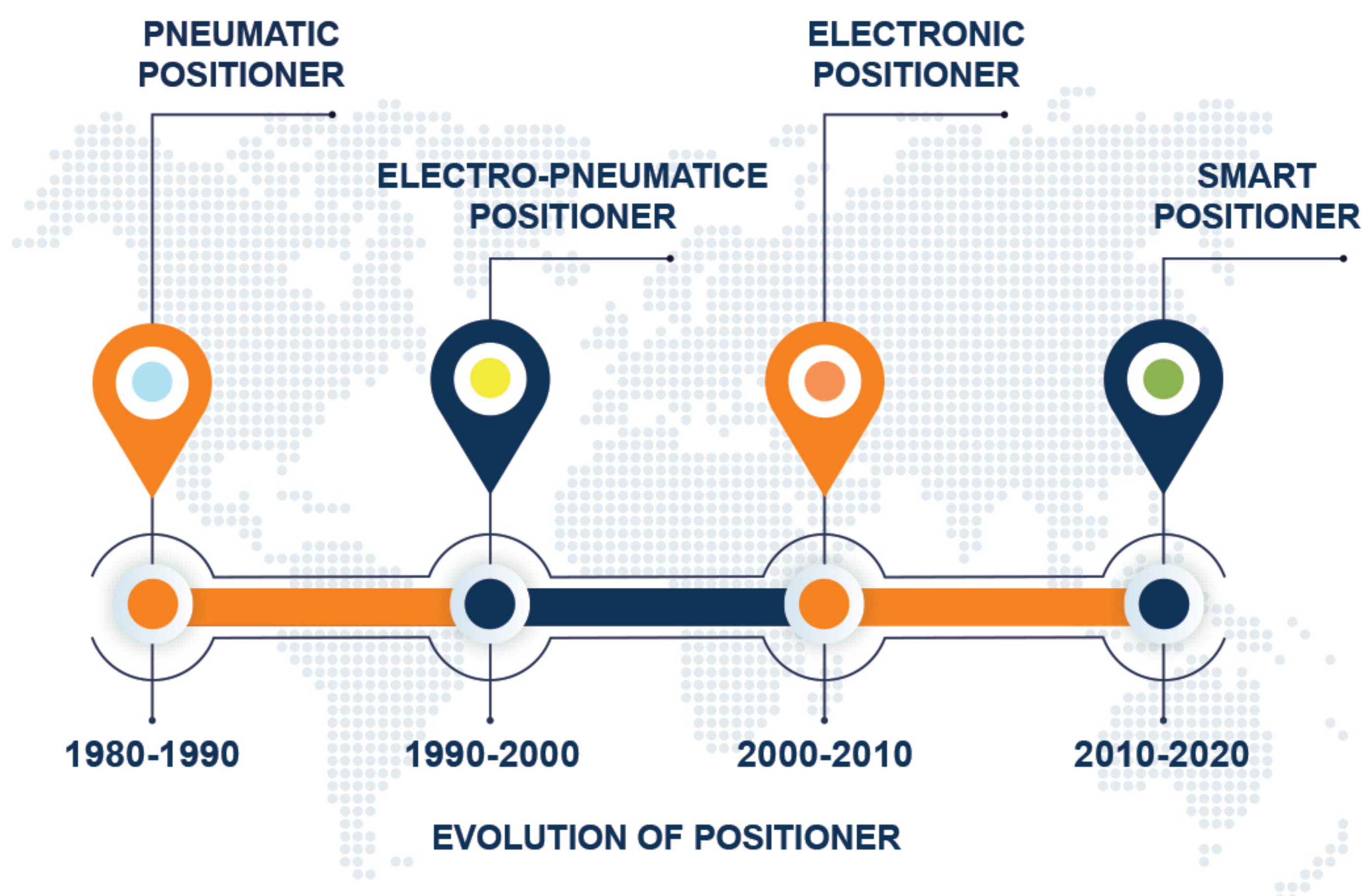
Products introduction

REEICO smart valve positioners are at the forefront of control technology, leveraging advanced piezo technology to provide exceptional valve actuation performance. These positioners are engineered for optimal integration with contemporary control systems, delivering precise and swift valve positioning via both analog and digital signals.

Key features include:

- **Advanced Piezo Technology:** Ensures accurate and reliable actuation with minimal wear and enhanced vibration resistance.
- **High-Quality Position Sensor:** Guarantees durability and precision, even in harsh environments.
- **Quick Initialization and Simple Diagnostics:** Facilitates ease of use and maintenance.

Our product range covers nozzle flapper and standard valve positioners, catering to a diverse array of requirements. Optional accessories, such as a pressure gauge block and 4-20 mA feedback via an analog output card, further expand the versatility and functionality of our positioners, providing a comprehensive solution for all your valve control needs.

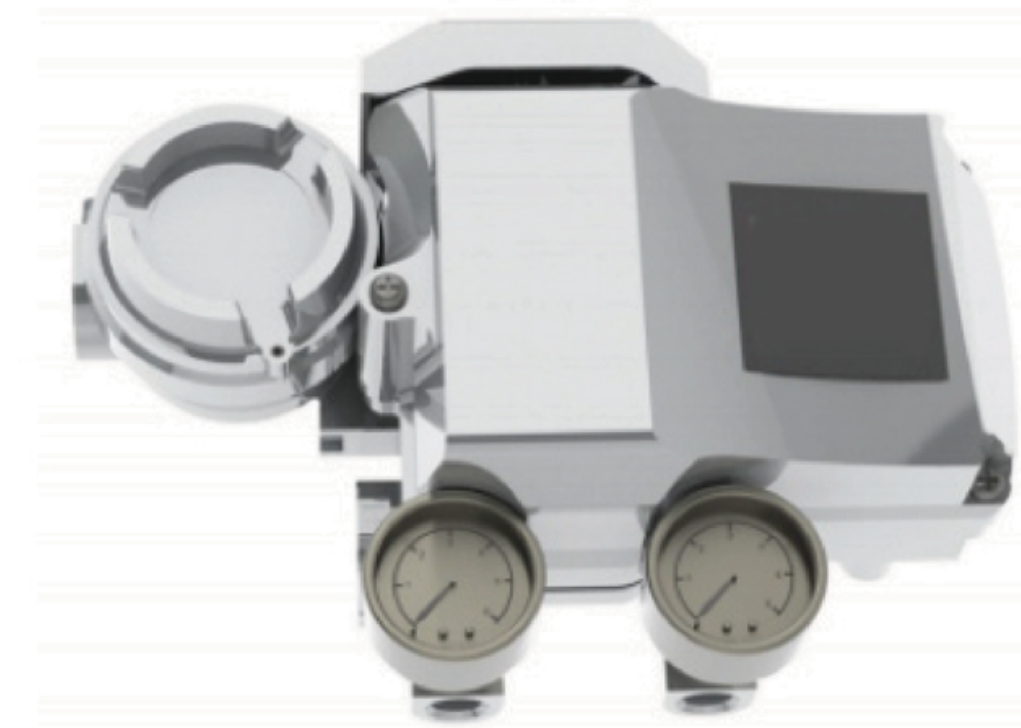


Positioner Series

RVPEP1 E/P Normal Valve Positioner

Product Features

- Compact and lightweight
- Linear motion and Rotary motion available
- Split range available
- AUTO/MANUAL function
- 4-20mA Feedback Signal Function(option)



Option Positioner Code as chart below

Order Code	RVPEP1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Actuator	Linear Rotary	L R										
Acting	Single-Acting Double-Acting		S D									
Explosion protection	Standard (Non Ex) Feedback (Non Ex) ATEX, II 2G Ex d ATEX, II 2G Ex tb ATEX ia			0 1 D P E								
Ambient temp.	Mid:-20 ~ 80°C Low:-50 ~ 60°C High: 0 ~ 100°C					S L H						
Connection	G1/2 / Rc1/4 G1/2 / 1/4NPT 1/2NPT / 1/4NPT 1/2NPT / G1/4 M20×1.5 / Rc1/4 M20×1.5 / 1/4NPT						1 2 3 4 5 6					
Input signal	4 ~ 20mA DC 4 ~ 12mA DC 12 ~ 20mA DC Customized						1 2 3 4					
Gauge	Without Copper Stain Steel							0 1 2				
Pressure unit	Without 0.2MPa 0.4MPa 1.0MPa 30psi 60psi 150psi								0 1 2 3 7 8 9			
Air filter regulator	Without Standard									0 1		

RVPSP5 Intrinsic Safety Smart Valve Positioner

Product Features

Piezo Valve Technology Principle

- Intrinsic Safety product, group: IIC T4~T6
- Single and double acting, Linear stroke/ Rotary stroke integrated
- Support HART communication and position transmitter
- External key, One-key quick auto-tuning



Option Positioner Code as chart below

Order Code	RVPSP5	□	□	□	-	□	□	□	-	□	□	□	-	□	□	□
Model	Standard	0														
	Remote	5														
Fail Mode	Fail Reset		0													
	Fail Freeze		1													
Actuator	Linear Stroke			L												
	Rotary Stroke			R												
Acting	Single Acting					1										
	Double Acting					2										
Explosion Protection	Non-Ex						0									
	ATEX, II 2G Ex d						F									
	ATEX, II 1D Ex ia						T									
	ATEX, II 1G Ex ia T(Low Temp.)						L									
Communication	Non							O								
	HART 7							H								
	Profibus PA							P								
	Foundation Fieldbus							F								
Indicator+Key	Non								0							
	External Key (OEM Cover)								K							
	Rotation Indicator+External Key								R							
Output Option	Non									0						
	4~20mA Feedback (Modular Design)									F						
Position Feedback	Non										0					
	Electronic Limit Switch										1					
Electrc/Pneumatic Feedback	M20×1.5 / G1/4											G				
	M20×1.5 / 1/4NPT											N				
	1/2NPT / 1/4NPT											M				
	1/2NPT / G1/4											P				
Gauge Block	Non													0		
	SS Gauge, Copper Screw													1		
	SS Gauge, SS Screw													2		
Housing Material	Aluminum Diecasting Housing															0
	SS316 Housing															S

Notes: 1. Tubeless Version Available; 2. Lightning Protection Available

RVPSP6 Explosion-Proof Smart Valve Positioner

Product Features

Piezo Valve Technology Principle

- ✎ Explosion-proof products, group: IIC T4~T6
- ✎ Single and double acting, Linear stroke/ Rotary stroke integrated
- ✎ Support HART communication and position transmitter
- ✎ External key, One-key quick auto-tuning



Option Positioner Code as chart below

Order Code		RVPSP6	□	□	-	□	□	□	-	K	□	□	-	□	□	□
Fail Mode	Fail Reset	0														
	Fail Freeze	1														
Actuator	Linear Stroke		L													
	Rotary Stroke		R													
Acting	Single Acting				1											
	Double Acting				2											
Explosion Protection	ATEX, II 2G Ex d						F									
	ATEX, II 2G Ex d / II 2D Ex Td						P									
	ATEX, II 2G Ex d T (HIGH Temp.)						B									
	ATEX, II 2G Ex d T... / II 2D Ex tD T (HIGH Temp.)						A									
	ATEX, II 1G Ex ia T (Low Temp.)						4									
Communication	Non							0								
	HART 7							H								
	Profibus PA							P								
	Foundation Fieldbus							F								
Output Option	Non								0							
	4~20mA Feedback (Modular Design)								F							
Position Feedback	Non									0						
	Electronic Limit Switch									1						
Electrc/Pneumatic Feedback	M20×1.5 / G1/4													G		
	M20×1.5 / 1/4NPT													N		
	1/2NPT / 1/4NPT													M		
	1/2NPT / G1/4													P		
Gauge Block	Non														0	
	SS Gauge, Copper Screw														1	
	SS Gauge, SS Screw														2	
Housing Material	Aluminum Diecasting Housing															0
	SS316 Housing															S

Notes: 1. Tubeless Version Available; 2. Lightning Protection Available

BEYOND RELIABILITY

REEICO is a technology-based company renowned in the MENA region's Oil and Gas industry for our expertise in advanced sensor technologies and instrumentation. Our offerings include a wide range of vibration monitoring sensors such as Eddy current and piezo sensors, gas detection sensors utilizing semiconductor and electrochemical technologies, as well as pressure, temperature, and level transmitters and transducers, valve positioners, among others.

Initially focused on manufacturing upstream products and services, we have expanded our capabilities to deliver world-class sensors and instrumentation for both upstream and downstream applications.

At REEICO, we are committed to delivering reliability and confidence to our customers across various industries. While we may not have been the first, but our goal is to keep continuity on the way to become the best in terms of reliability.

