



## Series 56 Positioner Electro-Pneumatic



### Introduction

Flow Line Controls Series 56 Electro-Pneumatic Positioners are rugged control devices which stand up to the harshest environments. Precision engineering assures the Series 56 meets the most demanding control applications in the process control industry.

### Features

**Housing:** Rugged aluminum housing with corrosion resistant coating, stainless steel hardware and stainless steel gauges.

**Field wiring connections:** The field wiring terminations are in an external screw-cover enclosure. This unique design eliminates the need to open the Positioner for field wiring thus protecting the positioner's calibration.

**Calibration:** Precise calibration with simple SPAN and ZERO adjustments. Simple conversion to Direct Acting or Reverse Acting.

**Double Globe Valve / Pilot Assembly:** The Series 56 valve assembly is capable of moving large amounts of air with short positioning times. Utilization of double globe valves to control the actuator supply air in lieu of traditional spool valves lowers the air consumption by two thirds ensuring efficient and economical operation.

### Specifications

Input Signal:	4-20 mA @ 24VDC Split Range standard	Linearity:	± 1%
Impedance:	250Ω ± 15Ω	Hysteresis:	1% maximum
Stroke Range:	0° to 90°	Sensitivity:	± 0.5%
Supply Pressure:	20 to 100 psig	Repeatability:	± 0.5%
Air Consumption:	0.25 scfm	Pneumatic Connections:	1/8 NPT gauge ports 1/4 NPT supply / outlet
Operating Temperature:	-4°F to +158°F	Enclosure:	Designed to NEMA 4, 4X
		Enclosure Weight:	Approximately 6.5 lbs.

### Flow Line Controls, Inc.

P.O. Box 677 · Schriever, LA 70395 · Phone: 985-414-6003 · Toll Free 1-800-815-9226 · Fax 985-414-6072  
www.flowlinecontrols.com



## Series 56 Positioner Electro-Pneumatic

### How to Order

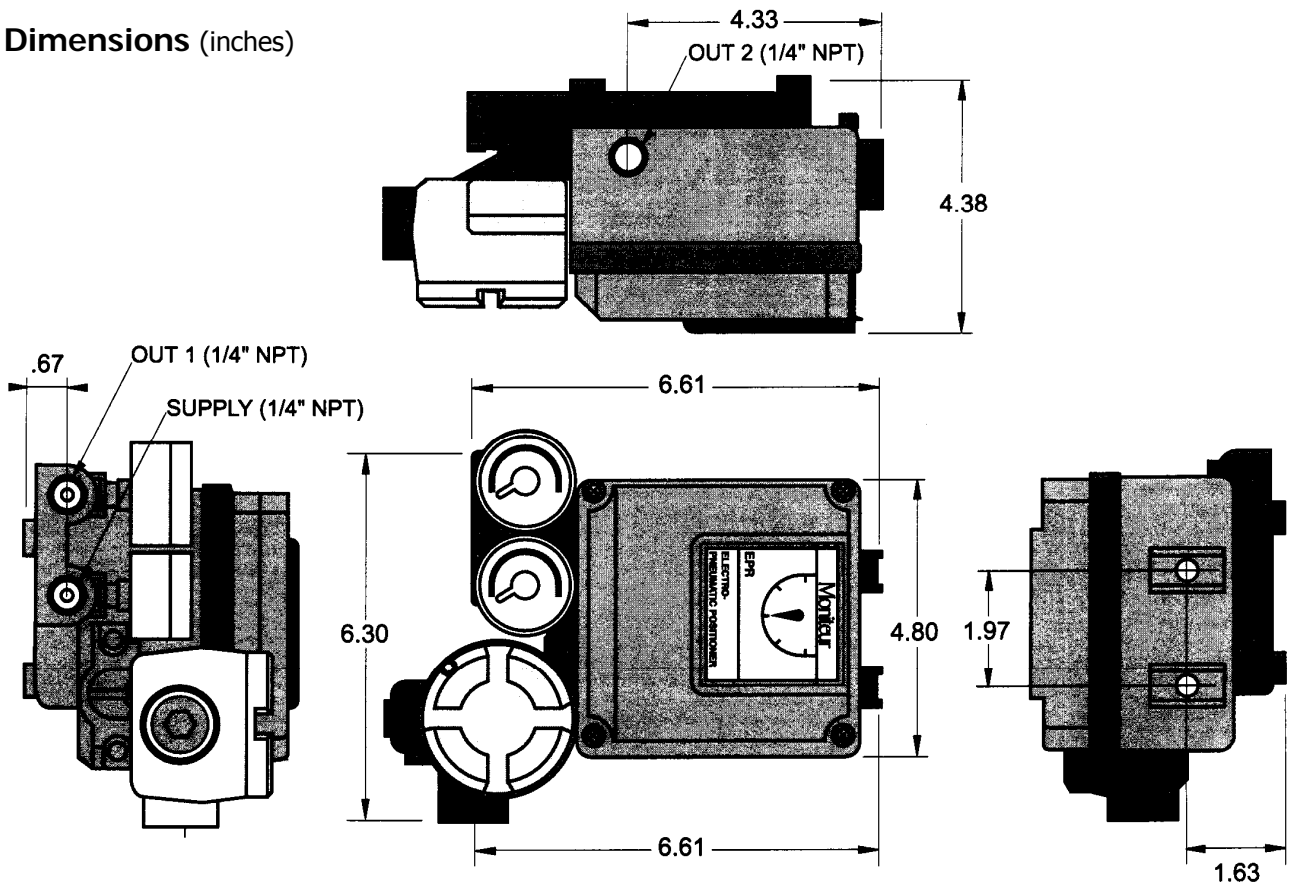
MODEL	GAUGES	FEEDBACK OPTIONS	VISUAL INDICATOR	SPECIAL OPTIONS
1	2	3	4	5
1	Rotary, Namur Mount	56-4000-5R4	4	Dome indicator 3 Flat indicator 2
2	Stainless steel gauges 2 No gauges 3		5	Special S Standard 1
3	Two mechanical switches, SPDT 5 One proximity switch 6 Two proximity switches 7 4-20 mA position feedback 8 None 0			

EXAMPLE: Series 56 Positioner with gauges, 4-20 mA position feedback, flat indicator and no special options  
Part #56-4000-5R42821

**IMPORTANT!** Order Flow Line Controls Filter Regulator Part #90-1FR0-1400310 to prevent air line contaminants entering the positioner. See Bulletin FLC1805

<b>UNIVERSAL NAMUR MOUNTING BRACKET</b> (for actuators with Namur mounting patterns)	Part #56-4000-UNIV00P
--	-----------------------

### Dimensions (inches)



### Flow Line Controls, Inc.

P.O. Box 677 · Schriever, LA 70395 · Phone: 985-414-6003 · Toll Free 1-800-815-9226 · Fax 985-414-6072

[www.flowlinecontrols.com](http://www.flowlinecontrols.com)