

FlowLine



Positioner
Electro-Pneumatic

Series 56

FEATURES

Introduction

Flow Line 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 Glove 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

Inpedance: 250Ω ± 15Ω

Stroke Range: 0° to 90°

Supply Pressure: 20 to 100 psig

Air Consumption: 0.25 scfm

Operating Temperature: -4°F to +158°F

Linearity: ± 1%

Hysteresis: 1% maximum

Sensitivity: ± 0.5%

Repeatability: ± 0.5%

Pneumatic Connections: 1/8 NPT gauge ports

1/4 NPT supply / outlet

Enclosure: Designed to NEMA 4, 4X

Enclosure Weight: Approximately 6.5 lbs.

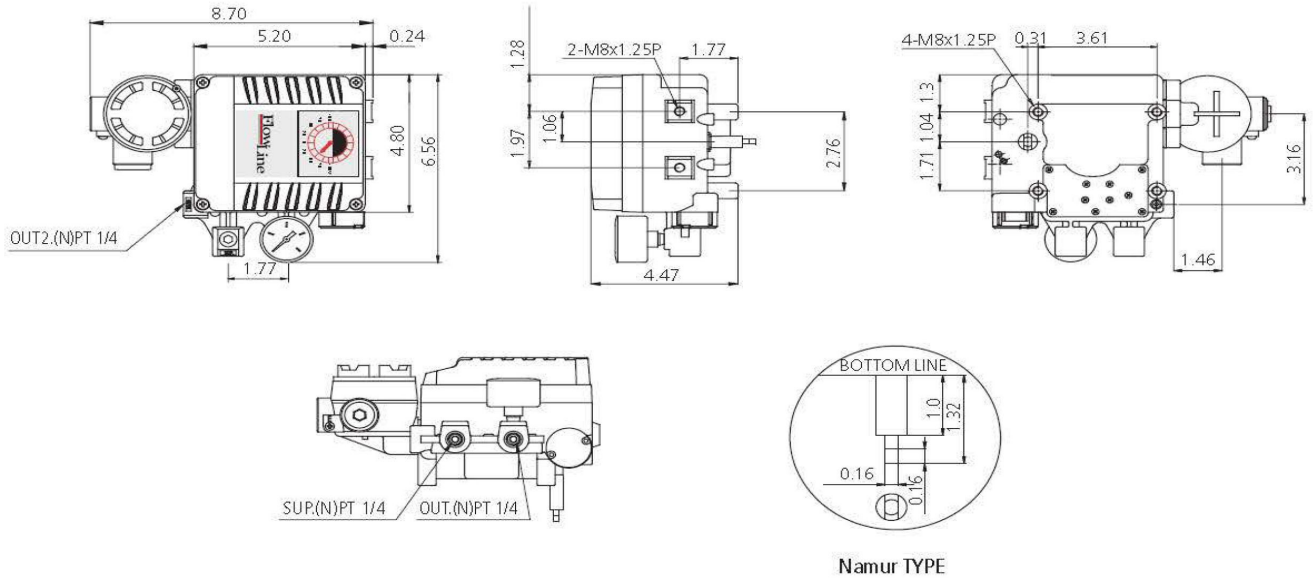
** Note: Consult factory for additional options.*

Flow Line Valve and Controls, Inc.

PO Box 677, 110 Main Project Rd • Schriever, LA 70395 • Phone (985) 414-6004 • Fax (985) 414-6072
www.flowlinevalves.com

ENGINEERING

DIMENSIONS (inches)



How to Order

Model	Gauges	Feedback Options	Visual Indicator	Special Options
1	2	3	4	5

1	Rotary, Namur Mount	56-4000-5R4
2	Stainless steel gauges	2
	No gauges	3
3	Two mechanical switches, SPDT	5
	One proximity switch	6
	Two proximity switches	7
	4-20 mA position feedback	8
	none	0

4	Flat indicator	2
	Standard	1
5	Special	S
	Standard	1

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 Filter Regulator Part # 90-1FR0-1400310 to prevent air line contaminants entering the positioner. See Bulletin FLC1805

Universal Namur Mounting Bracket (for actuators with Namur mounting patterns)

Part #56-4000-UNIV00P

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