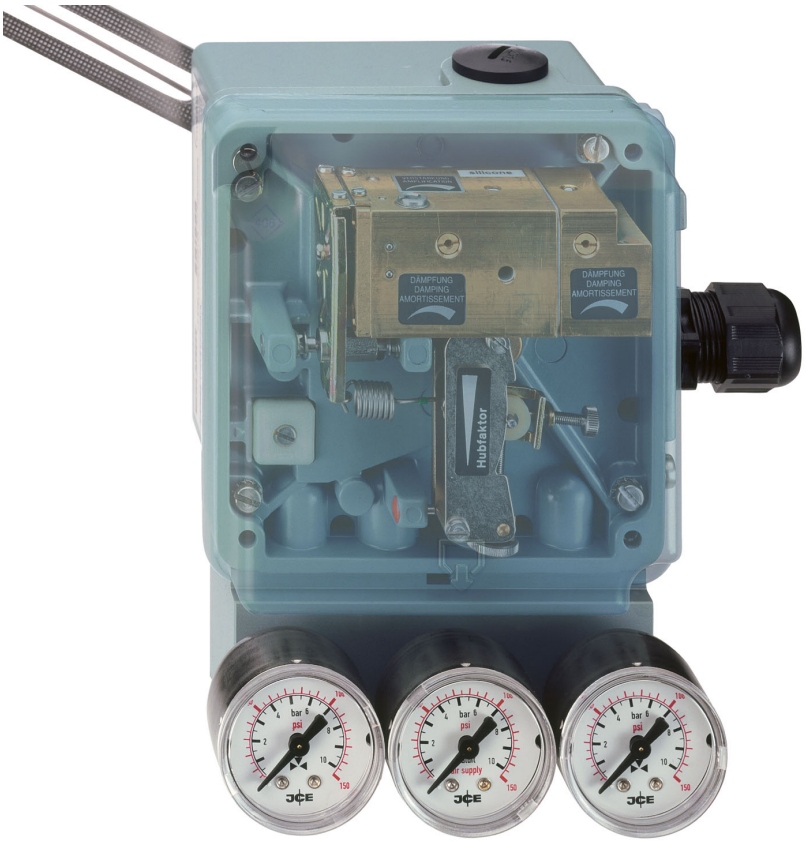
Electro-Pneumatic Positioner SRI986



SRI986 - More than 1 Mio. applications worldwide!

- Analog valve control with fast control behavior
- Input 4 to 20 mA / 0 to 20 mA or 0 to 10 V
- Load only 200 Ohms - ideal for split range
- Easy local mechanical configuration
- Mechanical adaptations by setting-screws
- Independent adjustment of zero and span
- Gain and damping independently adjustable
- Mounting to all linear and rotary actuators
- Options:
  - Position Transmitter 4 to 20 mA
  - Limit switches (inductive or Micro switches)
  - Gauge Manifold
  - Volume boosters

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Example for mounting on linear valves.

Example for mounting on rotary valves.

The SRI986 Positioner is designed for operation of pneumatic valve actuators from control systems and electrical controllers with electric control signals.

It is used to reduce the adverse effects of valve friction, for higher thrust and shorter positioning time.

Technical Data

Analog	Setpoint: 4 to 20 mA / 0 to 20 mA / 0 to 10 V
	Load 200 Ohms
Characteristic of setpoint	linear, equal-percentage or invers-equal-percentage
	(by cams)
Split Range	up to 3-fold
Valve Action	direct or reverse adjustable
Zero and Span	independently adjustable
Gain and Damping	independently adjustable
Air Supply	1.4 to 6 bar (20 to 90 psig)
Stroke Range	8 to 200 mm (0.3 to 8.0 in)
Angle of Rotation	30 to 180 degree angle
Protection Class	IP54, optional IP 65
Electrical Classification ATEX	“intrinsic safety” II 2 G EEx ia IIC T6
FM and CSA	“Intrinsic safety” Class I, Div. 1, Groups A, B, C, D
For use on ships or vessels	Lloyd’s registered
Electrical Connection	M20 x 1.5 or $^1/_2$-14 NPT (others with Adapter AD...)
Pneumatical Connection	G1/8
Ambient Temperature	-40 to +80 °C (-40 to +176°F)
Humidity	up to 100 %
Weight	1.5 kg / 3.3 lbs (double acting: 1.8 kg / 3.9 lbs)
Options	Inductive Limit Switches (2- or 3-wire)
	Micro switches
	Position Transmitter (4 to 20 mA)
	Manifold with staggered connection
	Manifold with gauges
	Volume boosters
Attachment to linear actuators	acc. to IEC 534 Part 6 (NAMUR)
to rotary actuators	acc. to VDI/VDE 3845
any other linear or rotary actuator by means of extensive attachment kit offering	

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