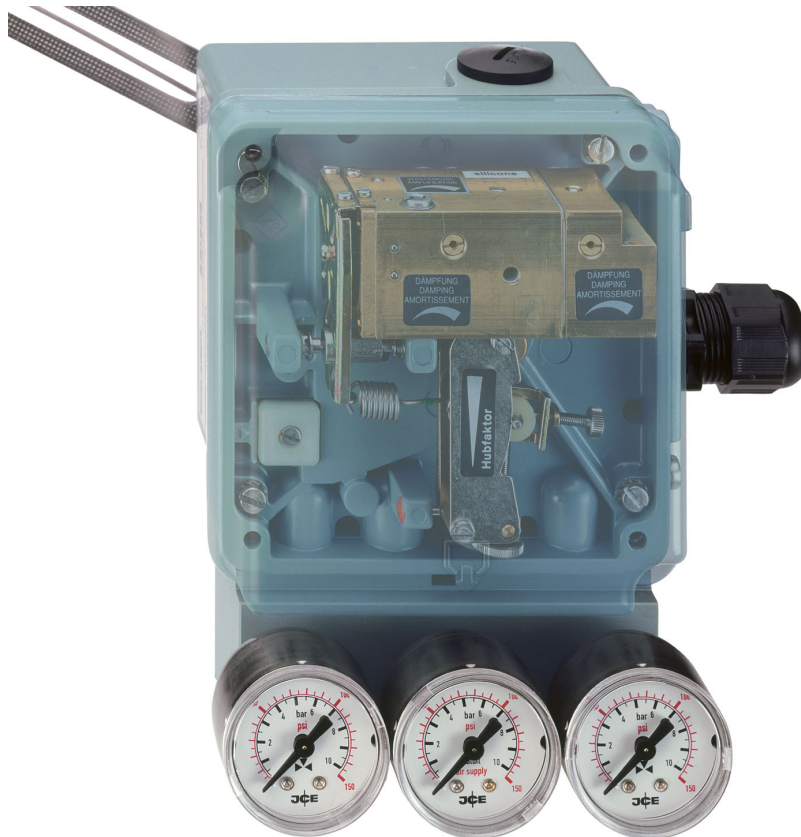


Electro-Pneumatic Positioner SRI986



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





Example for mounting on linear valves.



Example for mounting on rotary valves.

Technical Data

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.

| | |
|--------------------------------|---|
| Analog | Setpoint: 4 to 20 mA / 0 to 20 mA / 0 to 10 V |
| Characteristic of setpoint | Load 200 Ohms 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...) |
| Pneumactical 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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