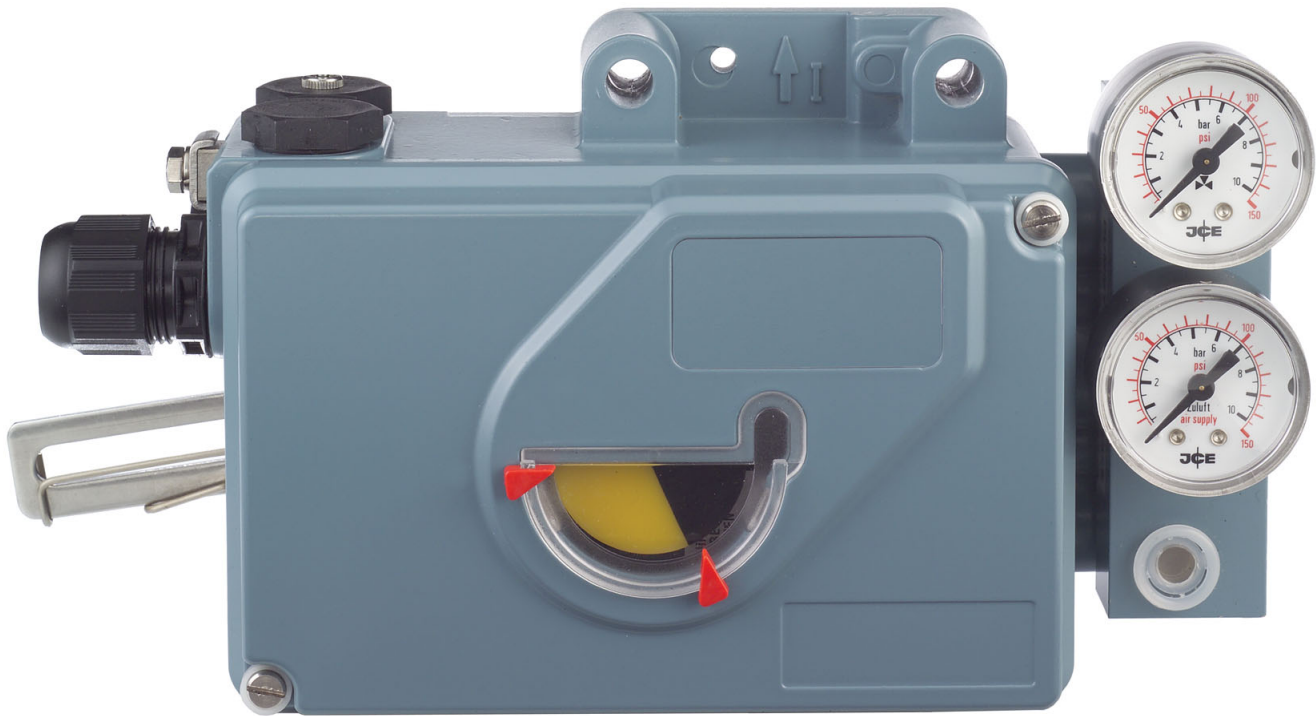


# Analog Positioner SRI990

**FOXBORO  
ECKARDT**

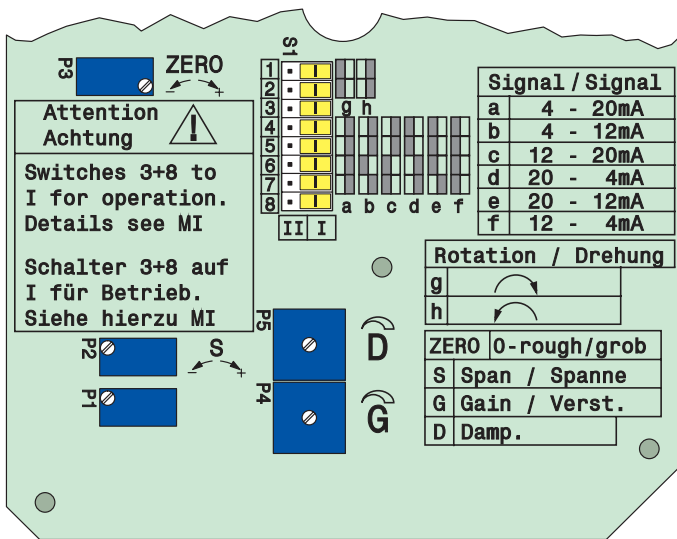


## SRI990 - easy operation and compact design.

- Analog valve control with fast control behavior
- Easy local operation and adjustments
- Valve action and rotation configurable by DIP switches
- Electrical adaptation of zero and span by potentiometers
- Gain and damping independently adjustable
- Switch for pneumatic-test
- Load 300 Ohms
- Easy mounting to all linear and rotary actuators
- Optional Features:
  - Limit Switches (inductive or Micro switches)
  - Position feedback 4-20 mA
  - Manifolds for gauges and boosters



invensys



Local operation and configuration.



Example for mounting on rotary actuators.

### Technical Data

The analog Positioner SRI990 with analog input 4-20 mA is designed to operate pneumatic valve actuators. It offers an easy adjustment by means of switches and potentiometers.

The modular structure of this positioner series enables conversion from an analog to an "intelligent" positioner by exchanging the electronics.

Analog	Setpoint 4 to 20 mA
	Load 300 Ohms
Characteristic of setpoint	linear
Adjustments by dip switches for	Direction of rotation, Signal range, Split range, direct or reverse action
Adjustments by potentiometers for	Zero and span, Gain and damping
Pneumatic test	by DIP switch
Display	Mechanical Indicator (Standard)
Air Supply	1.4 to 6 bar (20 to 90 psig), or 1.4 to 7 bar (20 to 105 psig) with "spool valve"
Stroke Range	8 to 260 mm (0.3 to 10.2 in)
Angle of Rotation	up to 95 degree Angle
Protection Class	NEMA 4X or 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
Electrical Connection	M20 x 1.5 or 1/2-14 NPT (others with Adapter AD...)
Pneumatic Connection	G1/4 or 1/4-18 NPT
Ambient Temperature	-40 to +80 °C (-40 to +176 °F)
Weight	1.7 kg / 3.7 lbs (double acting: 2 kg / 4.4 lbs)
Options	Inductive Limit Switches (2- or 3-wire) or Mechanical switches (Micro switches) Position Transmitter (4 to 20 mA) Gauge Manifold, Volume Booster
Attachment to linear actuators	acc. IEC 534 Teil 6 (NAMUR) and VDI/VDE 3847
to rotary actuators	acc. VDI/VDE 3845 and VDI/VDE 3847
to any other linear or rotary actuator by means of extensive attachment kit offering	

FOXBORO ECKARDT GmbH  
 Pragstrasse 82  
 D-70376 Stuttgart · Germany  
 Fon +49 (0)711 502-0  
 Fax +49 (0)711 502-597  
<http://www.foxboro-eckardt.com>  
 e-mail [salesupport@foxboro-eckardt.de](mailto:salesupport@foxboro-eckardt.de)

**FOXBORO**  
**ECKARDT**