



VALVE AUTOMATION
SINCE 1976

Foxboro™

by Schneider Electric



The analog Positioner **SRI990** with analog input 4 to 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 a “intelligent” positioner by easy exchanging the electronics. In version “Electrical Position Transmitter” **SRI990-T** the device includes the option Position Transmitter but no controller and no pneumatic components. The position of actuator is given as 4 - 20 mA output signal. Further versions see next page.

FEATURES

- Configuration by means of switches and potentiometers
- Load 300 Ω
- Low air consumption
- Stroke 8 to 260 mm (0.3 to 10.2 inch)
- Angle range up to 95 degree
- Supply air pressure up to 6 bar (90 psig), with spool valve up to 7 bar (105 psig)
- Single acting or double acting
- Mechanical travel indicator
- Position transmitter 4 - 20 mA as option
- Attachment to stroke actuators directly or according to IEC 534 part 6 (NAMUR)
- Attachment to rotary actuators according to VDI/VDE 3845
- Protection class IP 66 and NEMA 4X
- Explosion protection:
II 2 G Ex ib/ia IIB/IIC T4/T6 according to ATEX
or “Intrinsic Safety” according to CU TR

Additional equipments (compatible to SRD991):

- Integrated inductive limit switches, independent of device electronics

Accessories (compatible to SRD991):

- Gauge attachment for supply air and outputs
- Booster relay
- SRI990 can be upgraded to a SRD991 by exchange of the electronic motherboard



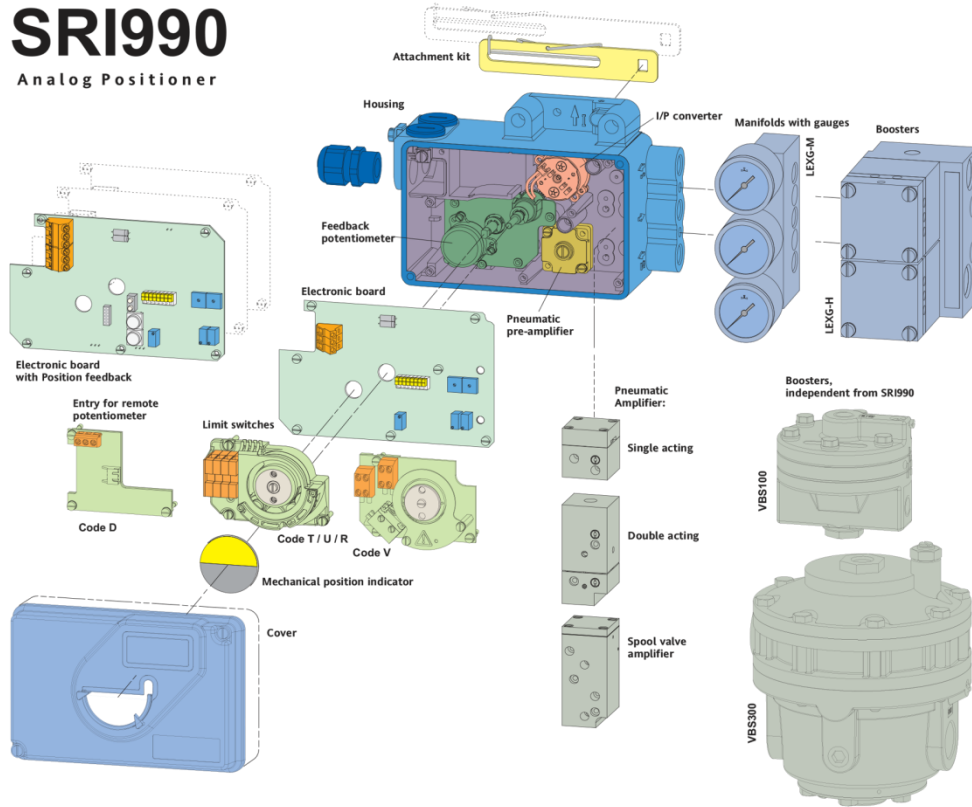
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Product overview

SRI990

Analog Positioner



By the modular structure of this product family we can offer the SRI990 in different versions: (see also page 11 for Model Code)

| Model Code: SRI990 | BorC1MS | BorC1QS | BorC1Qx | BorC1Mx | TXMT... U... | TXQS... | TXQT... U... | TXMS ****-H | TXMT ****-H U ****-H |
|-----------------------------------------------------------|---------|---------|---------|---------|-----------------|---------|-----------------|-------------|-------------------------|
| Analog Positioner | • | • | • | • | | | | | |
| Position Transmitter 4-20 mA | | • | • | | • | • | | | |
| Limit switches types T/U/R/V | | | • | • | • | | • | | • |
| stand-alone potentiometer for remote mounting application | | | | | | | • | | • |



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Special Version of SRI990:

SRI990 Stainless Steel Housing

To be order with model code SRI990-Cxxxxxxx-xSZ

