



Foxboro SRP981

**Function:**

The positioner is mounted on pneumatic control valves and is used to assign the valve position to the control signal. The positioner compares the pneumatic control signal of a control system to the stroke of the control valve and issues a signal pressure for the pneumatic actuator.

The stroke is measured by the pick-up lever connected to a measuring spring installed in the positioner and the downstream pneumatic control system. When a system deviation occurs, the actuator is either vented or filled with air.

The minimum and the maximum of the input signal correspond to the end positions of the valve.

If necessary, the signal pressure change can be slowed down by a volume restriction.

**Technical data:**

Input signal:	0,2...1,0 bar (3...15 psi), 0,2...0,6 bar and 0,6...1,0 bar
Air supply:	Acc. to ISO 8573-1: - Maximum particle size and density: class 2 - Oil contents: class 3 - Pressure dew point: class 3 or at least 10 K below ambient temperature
Air supply pressure:	1,4...6 bar (20...90 psi)
Output signal:	0...100% air supply pressure
Characteristic:	Linear
Air connection:	G 1/4" acc. to ISO 228
Operating direction:	Reversible <i>Factory setting: direct (increasing input =&gt; increasing output)</i>
Max. ambient temperature:	-40 ... 80 °C
Protection class:	IP54 (IP 65 on request)
Weight:	ca. 1,1 kg

**Type: List- No.**

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