# **Compact Control Valve 910 Series**



The Trerice Series 910 Pneumatic Control Valve offers high quality at an economical price, incorporating many features found only on more expensive units. Models are available to provide the proper flow response required by the application.

- The 910 is best suited for on/off control applications, providing a quick-opening flow response when used with single or double seated valves.
- The 910T is best suited for proportional or PID control applications, providing a throttling flow response when used with double seated or 3-way valves.
- The 910EP is best suited for proportional or PID control applications, providing an equal percentage flow response when used with single seated valves.

For optimal performance, the service conditions (medium, flow, temperature, inlet and outlet pressures) of the application must be considered when selecting a valve. Please refer to the Valve Selection Section of this catalog. Consult the Valve Selection tables for the capabilities of a particular valve/actuator assembly. Impoper application may cause failure of the valve, resulting in possible personal injury or property damage.

## **Specifications**

Actuator Number 910A	Diaphragm Size 7"	Control Action On/Off	Approximate Shipping Weight 6.6 lbs [2.97 kg]
910B	10"	On/Off	8.5 lbs [3.83 kg]
910C	12"	On/Off	12.0 lbs [5.41 kg]
910TB	10"	Throttling*	9.6 lbs [4.32 kg]
910EPA	7"	Equal Percentage	7.6 lbs [3.42 kg]
910EPC	12"	Equal Percentage	13.1 lbs [5.90 kg]

\*Includes 3-Way

#### Housing Die cast aluminum, epoxy powder coated blue finish

Setting Scale Integral to housing

Adjustment Screw Brass

Adjustment Screw Bushing Lubricant impregnated sintered bronze

Range Adjustment Spring Cadmium plated Pressure Plate Aluminum

Diaphragm Nylon reinforced EDPM

Air Pressure to Diaphragm 30 psig maximum

Air Pressure Connection 1/4 NPT Female

Operating Temperature Ambient: -40°F (-40°C) to 180°F (82°C) Process Flow: -40°F (-40°C) to 410°F (210°C)

## How to Order

Sample Order Numb 910TB	er: 910TB-A	5	
Actuator Number	-	ve Number	
See above		e: Valves for 910 Series (pages 79–83) Valves for 910T Series (pages 84–87) Valves for 910EP Series (page 88)	

1. Determine the model (910, 910T, 910EP) required.

2. **Determine** the valve size, style and material required by the application.

3. Consult the Valve Selection table to determine the required Valve Number.

4. Refer to the maximum shut-off pressure columns to determine the Actuator Number that provides the shut-off pressure required by your application.

5. Specify the Actuator Number.

6. **Specify** the Valve Number.



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