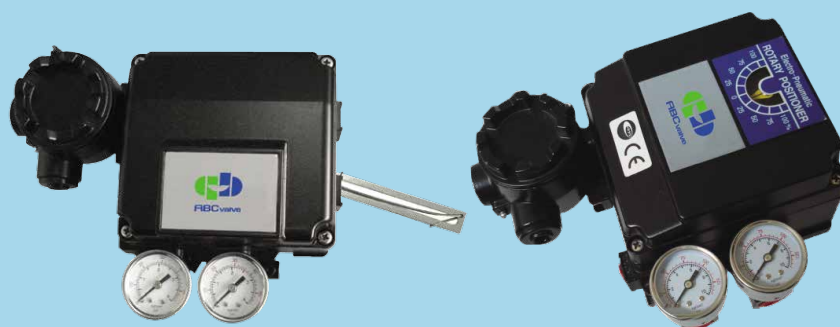


Electric-pneumatic Positioners

Series P02



GENERAL INFORMATION

Series P02 electric-pneumatic positioner is available for both linear and rotary positioning of valve. It changes the current signal to air pressure to control the pneumatic actuator, so as to control the opening of the valve. The product is convenient to change between direct action and back action, or change between spring return and double action.

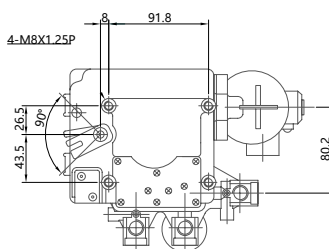
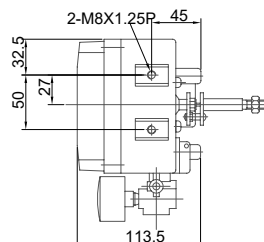
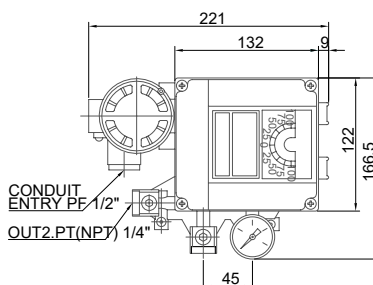
FEATURES

- Low air consumption
- Easy to operate the Zero Adjust and Span Adjust
- Quick acting and simple to connect the Feedback Lever
- No vibration in the range of 5 ~ 200Hz
- Can be set 1/2 Split Range with simply operate, do not need to change part
- Feedback lever connection is easy
- Acting fast and accurately
- Economical due to less air-consumption
- Small pneumatic actuator can use the orifice of pilot valve to avoid vibration

TECHNICAL DATA

Optional specifications	
Item	Options
Type of the positioner	☐ Linear: 10~150mm ☐ R: Rotary, 0°~90°
Type of acting	☐ D: Double acting ☐ S: Single acting
Explosion proof	☐ n: No explosion proof ☐ i: Intrinsical safe(Exia II CT6) ☐ d: Flameproof(Exd II CT6)
Technical data	
Item	Data
Input signal	4~20mA(2 wire), minimum 3.6mA
Supply pressure	0.14Mpa~0.7Mpa(1.4Bar~7Bar)
Stroke	Linear: 10~150mm, Rotary: 0°~90°
Air connection	PT(NPT)1/4"
Gauge connection	PT(NPT)1/8"
Conduit	PF1/2"(G1/2")
Weather proof	IP65
Explosion proof	Exia II CT4-6, or Exd II CT6
Ambient temperature	-20°C~70°C(Operating), -20°C~60°C(Explosion)
Linearity	±1%F.S.for single acting, ±2%F.S.for double acting
Hysteresis	±1%F.S.
Sensitivity	±0.4%F.S for single acting, ±0.8%F.S for double acting
Repeatability	±0.5%F.S
Material	Aluminum alloy with polyester powder
Weight	2.7Kg

Rotary type dimension



Linear type dimension

