

› Positioner

REP

The positioner is used for operation of pneumatic rotary valve actuators by means of electrical controller or control systems with a similar output signal of DC4 to 20mA or split ranges.

Ordering Code

R	EP-1000R	□	□	□	□	□	□	□
KZE Product	Item number EP-1000R (Rotary type) EP-1000L (Linear type)	Action type S Single acting D Double acting	Ex-proof rate m Exd mIBT5 n non ex-proof	Feedback pole 1 M6x40L 2 M6x63L 3 M8x40L 4 M8x63L 5 NAMUR	Throttle pole 1 1 2 2 3 NONE	Connection type 1 1PT 2 2NPT	Environment temperature S -20°C~60°C H -20°C~120°C L -40°C~70°C	Select accesories 1 +PTM(Internal) 2 +PTM(External) 3 +L/S(Internal) 4 +L/S(External) 5 +PTM+L/S(Internal)

REP-1000R/L Positioner

Features

The positioner is used for operation of pneumatic rotary valve actuators by means of electrical controller or control system with a similar output signal of Dc4 to 20mA or split ranges.

- There is no resonance at 5~200Hz
- The change of RA/DA acting is convenient. It's able to apply to single pr double acting actuator
- It's possible to prevent the hunting with orifice to the small size actuator
- It's economical due to less air consumption.
- It's able to control the 1/2 split range with simple operation without replacement of parts.



Parameter

Item / Type	Single action	Double action
Input Signal	4-20mA DC	
Impedance	250±15 Ohm	
Supply Pressure	1.4-7kgf/cm ² (20-100psi)	
Stroke	0 ~ 90°	
Air Connection	PT(NPT)1/4"	
Gauge Connection	PT(NPT)1/8"	
Conduit	PF1/2" (G1/2")	
Explosion Proof	ExiallB T6	
Protection	IP66	
Ambient Temp	Operating -20°C ~ 70°C Explosion -20°C ~ 60°C	
Linearity	±1%F.S.	±2%F.S
Hysteresis	±1%F.S	
Sensitivity	±0.2%F.S.	±0.5%F.S
Repeatability	±0.5%F.S	
Air Consumption	3LPM (Sup=1.4kgf/cm ² , 20psi)	
Flow Capacity	80LPM (Sup=1.4kgf/cm ² , 20psi)	
Material	Aluminum Diecasting	
Weight	2.8kg(6.2lb)	