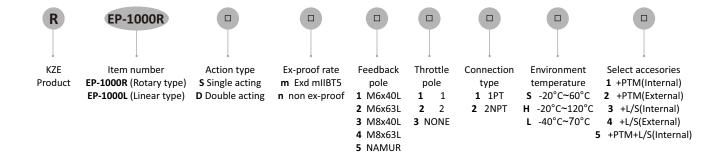
# > Positioner

# REP

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

## **Ordering Code**



### **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 aconomical 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/cm2(20-100psi)       |               |
| Stroke                 | 0 ~ 90°C                      |               |
| Air Connection         | PT(NPT)1/4"                   |               |
| Gauge Connection       | PT(NPT)1/8"                   |               |
| Conduit                | PF1/2" (G1/2")                |               |
| <b>Explosion Proof</b> | 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/cm2, 20psi)  |               |
| Flow Capacity          | 80LPM (Sup=1.4kgf/cm2, 20psi) |               |
| Material               | Aluminum Diecasting           |               |
| Weight                 | 2.8kg(6.2lb)                  |               |