

# Technical Data

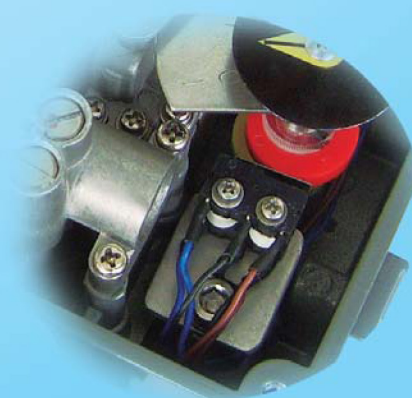
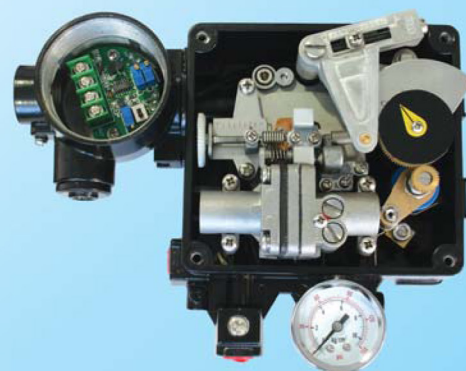


## Mechanical Positioner

| Model               | ATP-1000                                 | ATP-1200                                 |
|---------------------|------------------------------------------|------------------------------------------|
| Input signal        | 4-20mADC(5-15mADC)                       | 0.2 ~ 1kgf/cm <sup>2</sup> (3 ~ 15psi)   |
| Impedance           | 250 ± 15 Ω                               | /                                        |
| Supply pressure     | 1.4 ~ 7kgf/cm <sup>2</sup> (20 ~ 100psi) | 1.4 ~ 7kgf/cm <sup>2</sup> (20 ~ 100psi) |
| Stroke              | 0° -90° (R), 10-150mm(L)                 | 0° -90° (R), 10-150mm(L)                 |
| Air connection      | G(NPT)1/4                                | PT(NPT)1/4                               |
| Gauge connection    | G(NPT)1/8                                | PT(NPT)1/8                               |
| Conduit             | G(NPT)1/2                                | /                                        |
| Explosion proof     | ExdIIBT6,ExialICT6,Non-Explosion         | /                                        |
| Protection          | IP66                                     | IP66                                     |
| Ambient temperature | -20°C ~ 70°C                             | -20°C ~ 70°C                             |
| Linearity           | ± 1.5%                                   | ± 1.5%                                   |
| Hysteresis          | 1.5%                                     | 1.5%                                     |
| Sensitivity         | 0.4%                                     | 0.4%                                     |
| Air consumption     | 3LPM(Sup=1.4kgf/cm <sup>2</sup> ,20psi)  | 3LPM(Sup=1.4kgf/cm <sup>2</sup> ,20psi)  |
| Flow capacity       | 8LPM(Sup=1.4kgf/cm <sup>2</sup> ,20psi)  | 8LPM(Sup=1.4kgf/cm <sup>2</sup> ,20psi)  |
| Material            | Aluminum Die Casting                     | Aluminum Die Casting                     |
| Weight              | 2.7kg(6lb)2.8kg(6.2lb)                   | 1.7kg(3.7lb)                             |

## Internal Position Transmitter (optional)

|                  |                |
|------------------|----------------|
| Input type       | 2Wire          |
| Input Signal     | 0° -90°        |
| Output Signal    | 4-20mADC       |
| Load Resistance  | 0 ~ 600 Ω      |
| Noise Range      | 50mVp.p        |
| Adjustable Range | Zero: ± 10%    |
|                  | Span:60 ~ 110% |
| Protection       | IP66           |
| Linearity        | ± 1%           |
| Sensitivity      | ± 0.2%         |
| Hysteresis       | 0.002          |
| Supply Voltage   | 15 ~ 30VDC     |
| Explosion Proof  | Non-Explosion  |



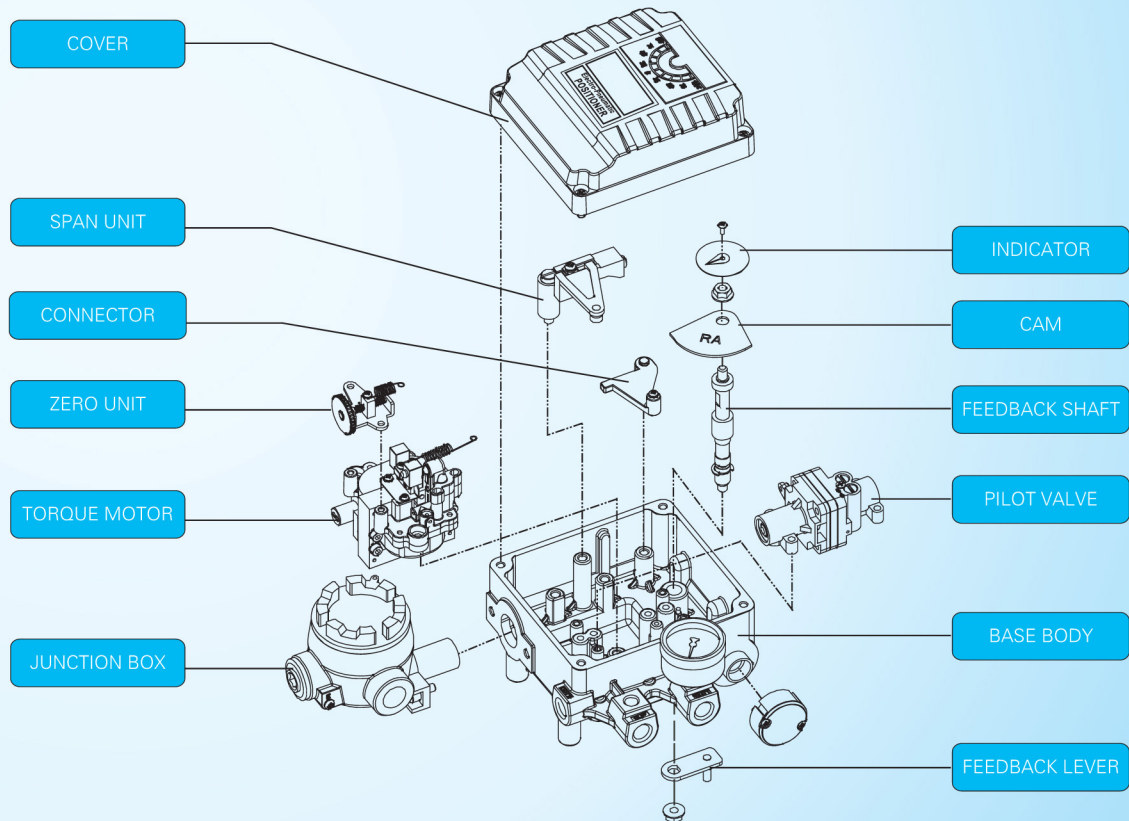
## Internal Switches (optional)

|                     |                                 |
|---------------------|---------------------------------|
| Mechanical Switches | Honeywell, 5A125-250VAC(2-SPST) |
|---------------------|---------------------------------|

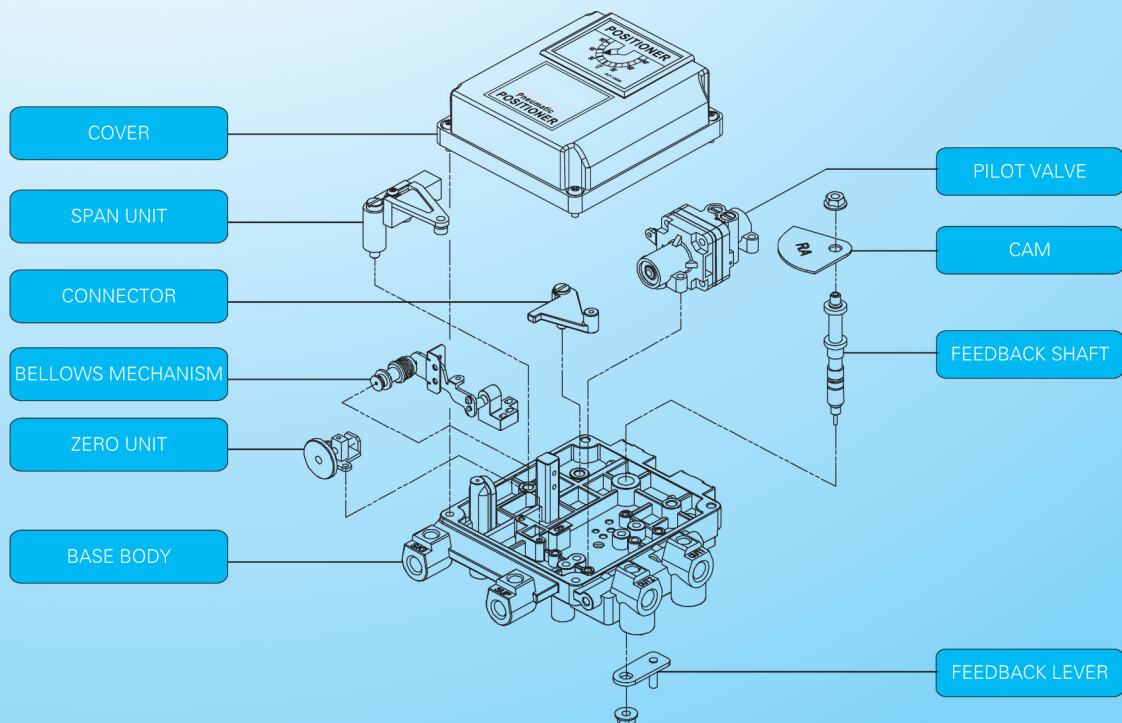
# Structure



## E-P positioner



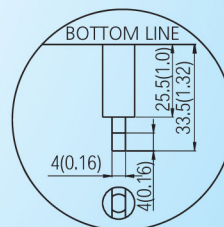
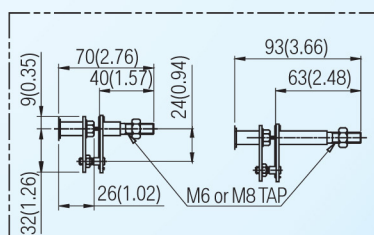
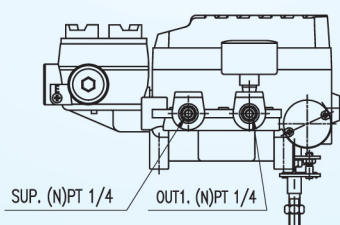
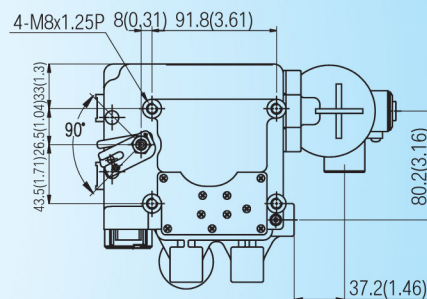
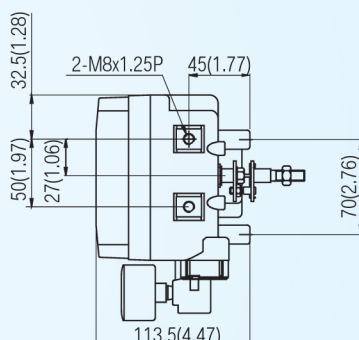
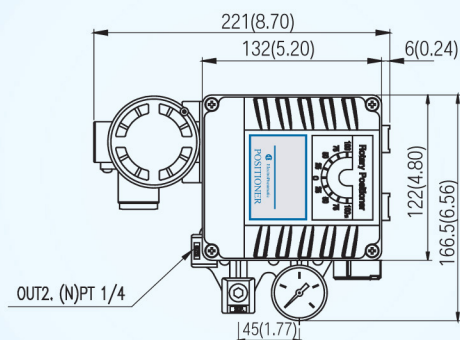
## P-P positioner



# Dimensions

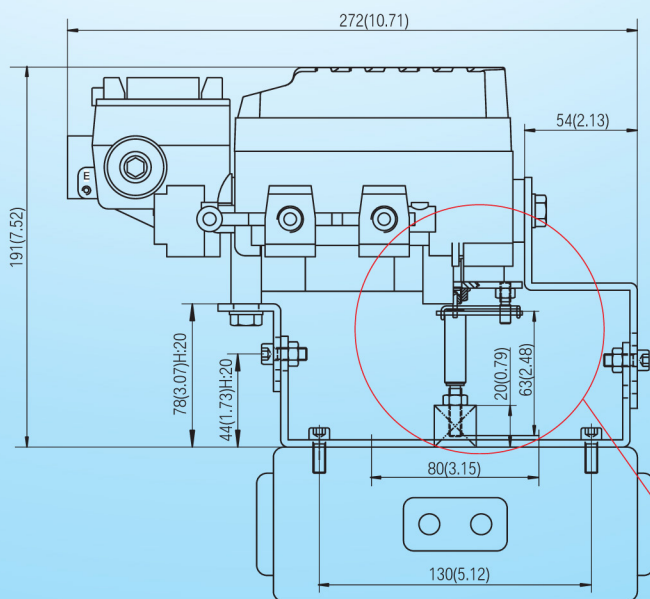


## Dimensional drawings E-P positioner (Rotary)

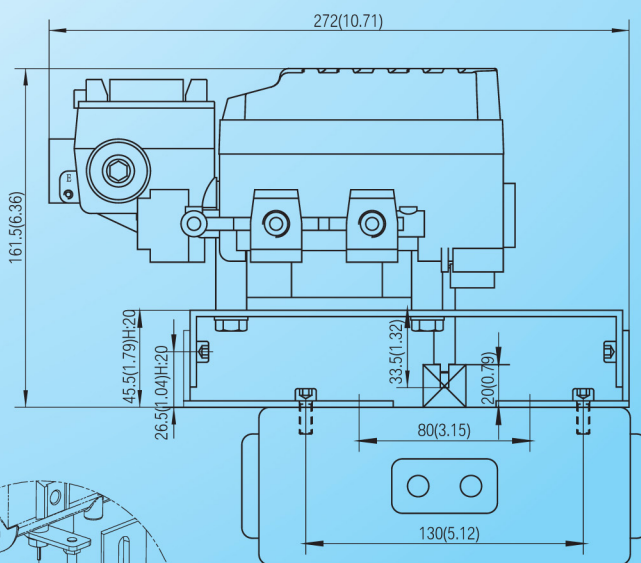
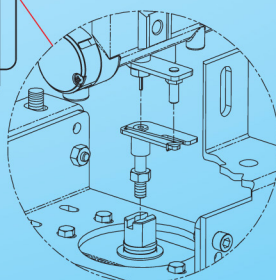


FORK LEVER TYPE

## Mounting E-P positioner (Rotary)



M6 x 63L Lever Connection

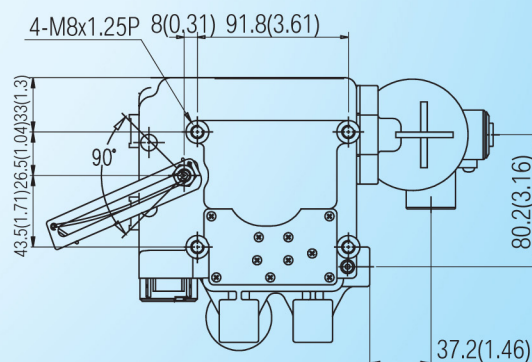
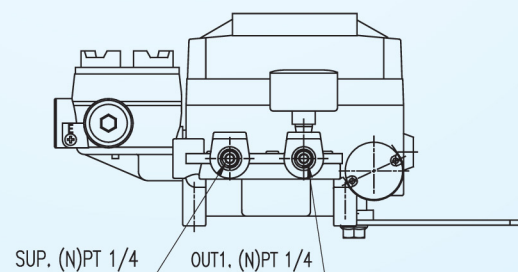
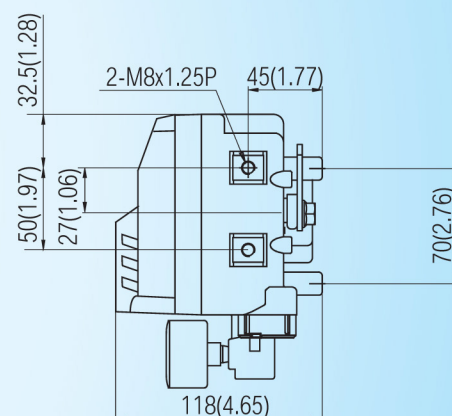
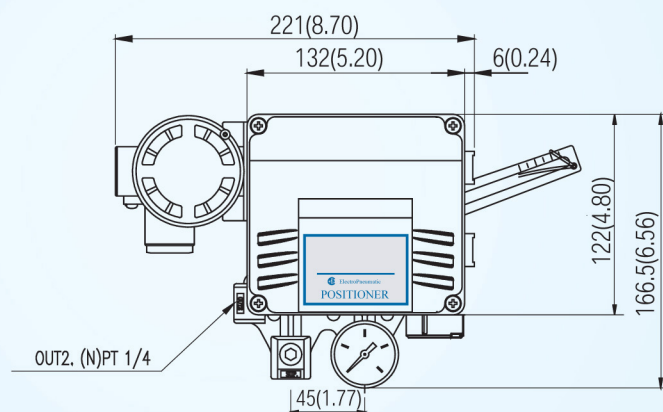


Namur Connection

# Dimensions



## Dimensional drawings E-P positioner (Linear)



## Mounting E-P positioner (Linear)

