

## Positioners

### Electro-Pneumatic Positioner/Smart Positioner IP8□00/IP8□01



IP8001 (Lever type)



IP8101 (Rotary type)

- Enclosure: JISF8007 IP65 (Compliant with IEC 60529)
- Monitoring function
- Explosion-proof construction
  - Electro-pneumatic positioner: TIS explosion-proof construction (Exd II BT5)
  - ATEX intrinsically safe explosion-proof construction (II 2G Ex ib II CT5/T6)
  - Smart positioner: ATEX intrinsically safe explosion-proof construction (II 1G Ex ia II CT4/T5/T6)
- HART transmission function (Smart positioner)

| Description                  | Series | Type        | Port size<br>[Rc, NPT, G] | Supply air pressure<br>[MPa] | Input current |
|------------------------------|--------|-------------|---------------------------|------------------------------|---------------|
| Electro-pneumatic positioner | IP8000 | Lever type  | 1/4                       | 0.14 to 0.7                  | 4 to 20 mA DC |
| Electro-pneumatic positioner | IP8100 | Rotary type | 1/4                       | 0.14 to 0.7                  | 4 to 20 mA DC |
| Smart positioner             | IP8001 | Lever type  | 1/4                       | 0.14 to 0.7                  | 4 to 20 mA DC |
| Smart positioner             | IP8101 | Rotary type | 1/4                       | 0.3 to 0.7                   | 4 to 20 mA DC |

### Pneumatic-Pneumatic Positioner IP5000/5100



- JIS F8007 IP55

| Series      | Port size | Supply air pressure [MPa] | Input pressure [MPa] |
|-------------|-----------|---------------------------|----------------------|
| IP5000/5100 | Rc1/4     | 0.14 to 0.7               | 0.02 to 0.1          |

### Cylinder Positioner IP200



- Servo-mechanism allows for precise and stable position control of cylinders
- Can be used as a cylinder position control unit for general industrial machines

| Series | Port size | Supply air pressure [MPa] | Input pressure [MPa] |
|--------|-----------|---------------------------|----------------------|
| IP200  | Rc1/4     | 0.3 to 0.7                | 0.02 to 0.1          |

## Regulators

### Filter Regulator 1301/IW



| Series | Port size | Set pressure [MPa]                          | Filtration accuracy [μm] |
|--------|-----------|---------------------------------------------|--------------------------|
| 1301   | Rc1/4     | 0.02 to 0.2<br>0.02 to 0.29<br>0.02 to 0.49 | 5                        |
| IW     |           | 0.02 to 0.2<br>0.02 to 0.3<br>0.02 to 0.5   |                          |

### Filter Regulator: Made to Order AW30-B to AW60-B-X430/X440



- Special temperature environment:  
Special materials are used in the manufacturing of seals and resin parts to allow them to withstand various temperature conditions in cold or tropical (hot) climates.

| Series                | Environment                    | Port size | Set pressure [MPa]          | Filtration accuracy |
|-----------------------|--------------------------------|-----------|-----------------------------|---------------------|
| AW30-B to AW60-B-X430 | Low temperature<br>-30 to 60°C | 1/4 to 1  | 0.05 to 0.85<br>0.02 to 0.2 | 5 μm                |
| AW30-B to AW60-B-X440 | High temperature<br>-5 to 80°C |           |                             |                     |