

# ATEX Compliant Electro-Pneumatic Positioner (Lever type/Rotary type)

## Series IP8000-X14/8100-X14



CE II 2G Ex ib IIC T5..T6 Gb

### How to Order

ATEX Directive Intrinsically  
Safe Explosion Proof

IP8 **000** - **0** **1** 0 -  - **X14** -

#### Positioner type

|            |                               |
|------------|-------------------------------|
| <b>000</b> | Electro-pneumatic lever type  |
| <b>100</b> | Electro-pneumatic rotary type |

#### Pressure gauge

| Symbol   | Pressure     |
|----------|--------------|
| <b>0</b> | Not provided |
| <b>1</b> | 0.2 MPa      |
| <b>2</b> | 0.3 MPa      |
| <b>3</b> | 1.0 MPa      |

#### Option Note 7)

| Symbol     | Option                                | Applicable model |            |
|------------|---------------------------------------|------------------|------------|
|            |                                       | IP8000-X14       | IP8100-X14 |
| <b>Nil</b> | —                                     | ●                | ●          |
| <b>L</b>   | Low temperature (-40 to 60°C)         | ●                | ●          |
| <b>W</b>   | With internal opening indicator plate | —                | ●          |

#### ATEX directive compliance and connection

|            |   |
|------------|---|
| <b>X14</b> | ATEX directive category 2<br>Intrinsically safe explosion-proof item<br>Air connection port: 1/4 NPT<br>Conduit connection port: M20 x 1.5<br>With blue cable gland |
|------------|---|

#### Accessories Note 1)

| Symbol     | Accessories   | Applicable model |            |
|------------|---|------------------|------------|
|            |   | IP8000-X14       | IP8100-X14 |
| <b>Nil</b> | Without accessory   | ●                | ●          |
| <b>A</b>   | With $\phi$ 0.7 output restrictor integrated pilot valve <small>Note 2)</small> | ●                | ●          |
| <b>B</b>   | With $\phi$ 1.0 output restrictor integrated pilot valve <small>Note 2)</small> | ●                | ●          |
| <b>C</b>   | With fork lever type fitting M <small>Note 3)</small>                           | —                | ●          |
| <b>D</b>   | With fork lever type fitting S <small>Note 4)</small>                           | —                | ●          |
| <b>E</b>   | With lever unit for a 35 to 100 mm stroke <small>Note 5)</small>                | ●                | —          |
| <b>F</b>   | With lever unit for a 50 to 140 mm stroke <small>Note 5)</small>                | ●                | —          |
| <b>G</b>   | With compensation spring (A) <small>Note 6)</small>                             | ●                | ●          |
| <b>H</b>   | With external scale plate   | —                | ●          |

Note 1) If multiple accessories are required, they should be indicated in alphabetical order.  
ex. IP8100-010-AG

Note 2) "A" is applied to approx 90 cm<sup>3</sup>-capacity actuator.  
"B" is applied to approx 180 cm<sup>3</sup>-capacity actuator.

Note 3) Fork lever-type fitting MX (Connection thread: M6 x 1) for IP8100-0□0-□-X14.

Note 4) Fork lever-type fitting SX (Connection thread: M6 x 1) for IP8100-0□0-□-X14.

Note 5) Standard lever is not attached.

Note 6) It is to be used together with "A" or "B" when tending to overshoot by the use of "A" or "B". It is mounted to the body as a replacement of the standard compensation spring.

Note 7) Combination of "L" and "W" is not available.

All other specifications are the same as the standard products Series IP8□□.  
[Click here](#) for details.