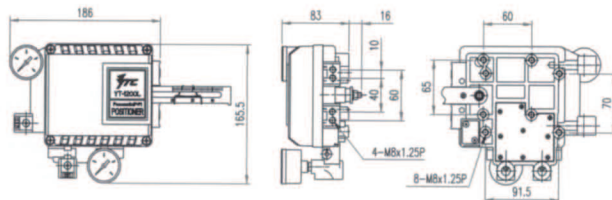


Pneumatic Positioner YT-1200L (Standard Type)

Ordering Symbols: YT-1200L

| Model    | Acting Type                                                          | Lever Type                                                                | Orifice Type                                                           | Connection Type                                                   | Ambient Temp                                                                |
|----------|----------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------|
| YT-1200L | <span style="border: 1px solid black; padding: 1px;">S</span> Single | <span style="border: 1px solid black; padding: 1px;">1</span> 10 ~ 40mm   | <span style="border: 1px solid black; padding: 1px;">1</span> $\phi$ 1 | <span style="border: 1px solid black; padding: 1px;">1</span> PT  | <span style="border: 1px solid black; padding: 1px;">S</span> -20°C ~ 70°C  |
|          | <span style="border: 1px solid black; padding: 1px;">D</span> Double | <span style="border: 1px solid black; padding: 1px;">2</span> 30 ~ 70mm   | <span style="border: 1px solid black; padding: 1px;">2</span> $\phi$ 2 | <span style="border: 1px solid black; padding: 1px;">2</span> NPT | <span style="border: 1px solid black; padding: 1px;">H</span> -20°C ~ 120°C |
|          |                                                                      | <span style="border: 1px solid black; padding: 1px;">3</span> 60 ~ 100mm  | <span style="border: 1px solid black; padding: 1px;">3</span> None     |                                                                   | <span style="border: 1px solid black; padding: 1px;">L</span> -40°C ~ 70°C  |
|          |                                                                      | <span style="border: 1px solid black; padding: 1px;">4</span> 100 ~ 150mm |                                                                        |                                                                   |                                                                             |



Specifications

| Item - Type      | Single                           | Double     |
|------------------|----------------------------------|------------|
| Input Signal     | 0.2 ~1kgf /cm(3 ~15 psi)         |            |
| Supply Pressure  | 1.4 ~7kgf /cm( 20 ~100 psi)      |            |
| Stroke           | 10 ~150mm                        |            |
| Air Connection   | PT(NPT) 1/4                      |            |
| Gauge Connection | PT(NPT) 1/8                      |            |
| Protection       | IP66                             |            |
| Ambient Temp.    | -20°C~70°C(-4~158°F)             |            |
| 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<br>(Sup=1.4kgf /cm, 20psi)  |            |
| Flow Capacity    | 80LPM<br>(Sup=1.4kgf /cm, 20psi) |            |
| Material         | Aluminum Diecasting              |            |
| Weight           | 1.7kg (3.1 lb)                   |            |

The Pneumatic Positioner YT-1200L is used for pneumatic linear valve actuator by means of pneumatic controller or control systems with an output signal of 3 to 15psi or split ranges.

Size is compact.

The change of RA / DA Action is convenient, it is able to apply to single or double acting actuator.

It is possible to prevent the hunting with orifice to the small size actuator.

It is economical due to less air consumption.

It is able to control the 1/2 split range with simple operation without replacement of parts.