



## Specifications

| Model                         | PTP-L                                | PTP-R    |
|-------------------------------|--------------------------------------|----------|
| Current Output Signal         | 4 - 20 mA, 2-wire                    |          |
| Power Supply Range            | 12 - 30 VDC<br>(24VDC recommendable) |          |
| Span Adjustable Angle         | 10° - 45°                            | 0° - 90° |
| Linearity                     | Within $\pm 1.0\%$ F.S.              |          |
| Repeatability                 | Within $\pm 0.25\%$ F.S.             |          |
| Hysteresis                    | Within 1.0% F.S.                     |          |
| Operating Ambient Temperature | - 30 °C ~ +75 °C                     |          |
| Explosion Proof Class         | Ex d IIC T6                          |          |
| Protection Class              | IP66                                 |          |
| Electrical Connections        | PF(G) 1/2 or NPT 1/2                 |          |
| Weight                        | 0.9 kg                               |          |

## How to Order

**PTP**

Operation

Limit  
Switches

Electrical  
Connections

Feedback  
Lever

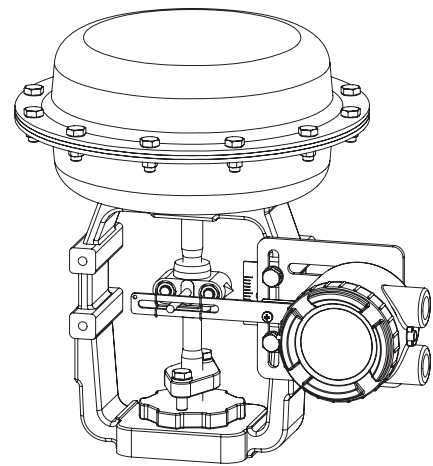
Mounting  
Bracket

| Description                                        | Code                                                                                                                           |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Actuator Operation :</b>                        | L : Linear type<br>R : Rotary type<br>M : Other type (on request)                                                              |
| <b>Limit Switches :</b>                            | N : None<br>S : 2 x SPDT mechanical limit switch<br>P : 2 x P&F proximity sensor NJ2-V3-N                                      |
| <b>Electrical Connections :</b>                    | 1 : PF(G) 1/2<br>2 : NPT 1/2                                                                                                   |
| <b>Feedback Lever :<br/>(only for linear type)</b> | A : Stroke 10~40mm<br>B : Stroke 10~80mm<br>C : Stroke 80~150mm                                                                |
| <b>Mounting Bracket :</b>                          | N : None<br>L : IEC 60534-6-1 (for PTP-L)<br>R : IEC 60534-6-2 (for PTP-R)<br>VDI/VDE 3845<br>S : Special Bracket (on request) |

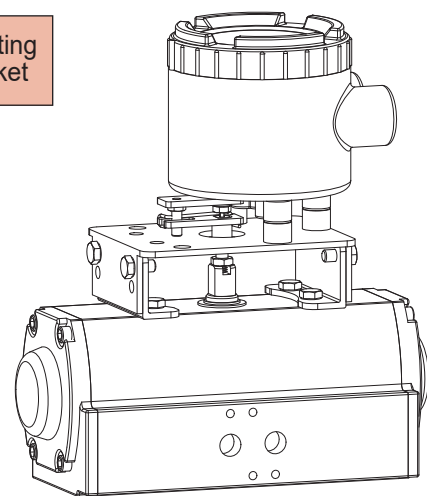
**Explosion proof position transmitter  
for reliable valve position feedback  
with 4-20mA output signal**

## Features

- ▶ Rugged aluminum die-cast housing
- ▶ Optional 2 x SPDT limit switch  
or 2 x P&F proximity sensor NJ2-V3-N



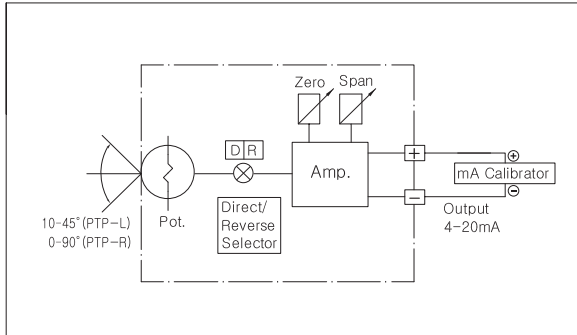
**PTP-L Mounting to Globe Control Valve**



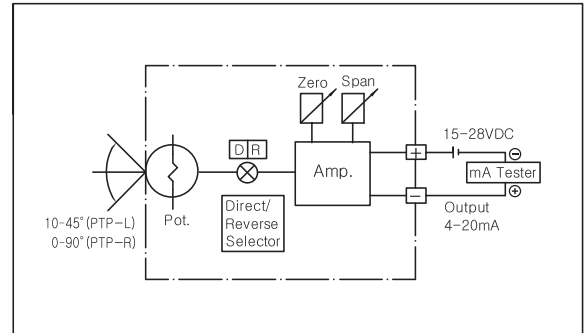
**PTP-R Mounting to Pneumatic Rotary Actuator**

## Measuring 4–20mA Output Signal

1) with mA calibrator

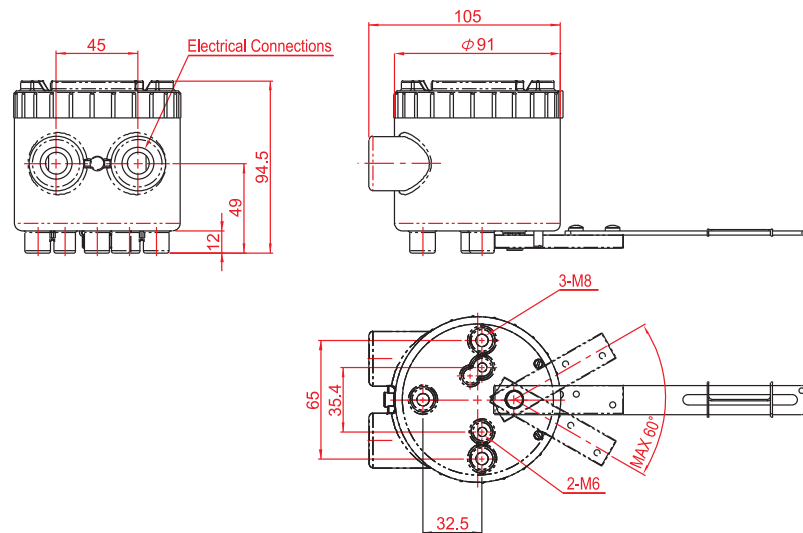


2) with multimeter



## Dimensions

### PTP-L (linear type)



### PTP-R (rotary type)

