



# Radius Rotary Smart Positioner

## RX-3300 with Intrinsically Safe Function



### Features

RX-3300 Smart Positioner accurately controls a valves position, according to an input signal of 4-20mA delivered from a controller

- LCD Display
- Auto Calibration
- Feedback Signal
- Auto/Manual Switch
- PID Control
- 4 Buttons for Local Control
- Limit Switches (optional)
- HART communication

### Product Specifications

Input Signal: 4-20mA DC  
 Supply Pressure: 20~100 PSI  
 Stroke: 10~150mm  
 Impedance: Max. 460Ω / 20mA DC

Air Connection: PT (NPT) 1/4

Gauge Connection: PT (NPT) 1/8

Conduit: PF 1/2 (G1/2)

Repeatability: ±0.3 F.S.

Ambient Temp.

Operating Temp: -22~185°F

Explosion Temp: -40~140°F(T5) / -40~104°F(T6)

Linearity: ±0.5% F.S.

Hysteresis: ±0.5% F.S.

Sensitivity: ±0.2% F.S.

Air Consumption: 0.07 scfm

Flow Capacity: 2.47 scfm

Output Characteristics: Linear, EQ%, Quick Open user set (16 Point)

Material: Aluminum Diecasting

Weight: 4.4 lbs.

### Certifications

- Ex ia IIC T6/T5
- IP66

