



Radius RX-3300 Rotary Smart Positioner 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. 4600 /20mA DC

Air Connection: PT (NPT) 1/4

Gauge Connection: PT (NPh) 1/8

Conduit: 1/2" NPT

Repeatability: ± 0.3 F.S.

Ambient Temp.

Operating Temp: -22-185°F

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

Linearity: $\pm 0.5\%$ F.S.

Hysteresis: $\pm 0.5\%$ F.S.

Sensitivity: $\pm 0.2\%$ 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.

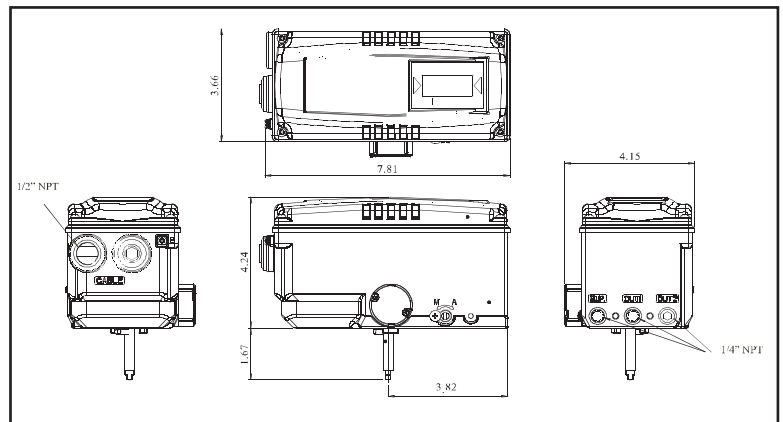
Certifications:

- Exia IICT6/T5
- IP66



Ordering Code

RX-3300									
Motion L - Linear R - Rotary	Acting Type S - Single D - Double	Explosion Proof n - Non-Explosion i - Ex ia IIC T6/T5	Linear 0 - 0.40~1.50in 1 - 0.75~4.00in 2 - 3.50~6.00in 3 - 0.60~1.25in 4 - 0.60~2.40in 5 - 0.60~4.00in 6 - 3.50~6.00in	Option 0 - None 1 - PTM (Position Transmitter) 2 - LS (Mechanical Type) 3 - LS (Proximity Non-Explosion Type) 4 - PTM+LS (Mechanical Type) 5 - PTM+LS (Proximity Non-Explosion Type)	Communication 0 - None 2 - Hart	Connection Type 1 - PT 2 - NPT	Rotary 1 - M6 x 34L 2 - M6 x 63L 3 - M8 x 34L 4 - M8 x 63L 5 - NAMUR	Ambient Temp. S - -22°F~185°F L - -40°F~185°F	



Radius LLC is ISO 9001:2015 Certified.