



Radius RX-1000

Electro-Pneumatic Positioner with Explosion Proof Limit Switches and Position Transmittor

Product Specifications:

Input: 4-20mA DC

Output: 4-20mA DC

Two SPDT Mechanical Limit Switches

Impedance: 250±15 Ohm

Supply Pressure: 20-100PSI

Stroke: 0-90°

Air Connection: 1/4" NPT

Gauge Connection: 1/8" NPT

Conduit: 1/2"

Explosion Proof Approval: Ex dm IIB T5, Ex dm IIC TS & Ex ia IIB T6

Protection: IP66

Ambient Temp:

-4°F~158°F (Operating Temp.)

-4°F~140°F (Explosion Temp.)

Linearity: ±1% F.S.

Hysteresis: ±1% F.S.

Sensitivity: ±0.2% F.S.

Repeatability: ±0.5% F.S.

Air Consumption: 0.11 scfm

Flow Capacity: 2.83 scfm

Material: Aluminum Diecasting

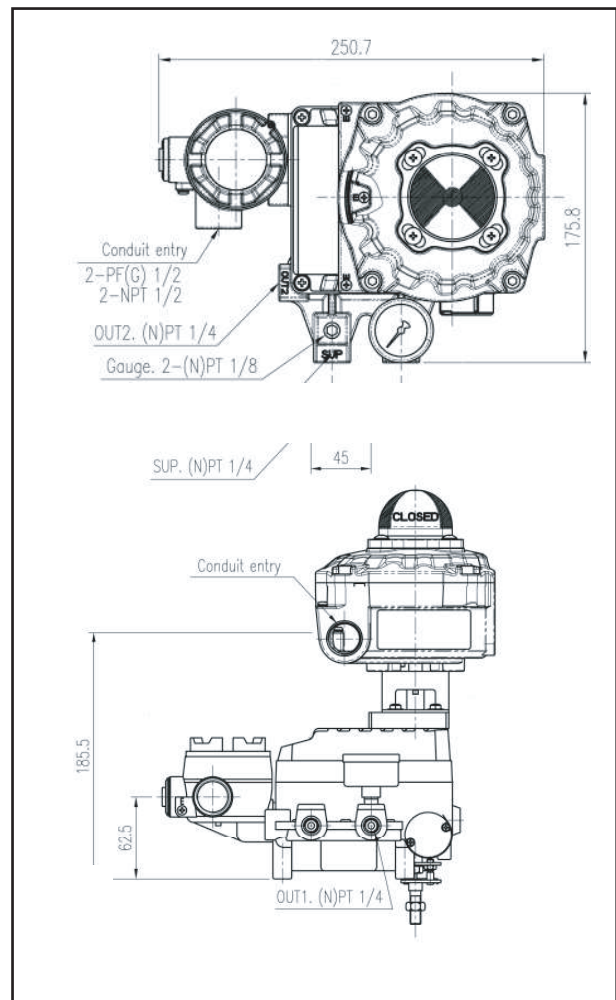
Weight: 6.2 lbs.

Positioner Enclosure Certifications:

- ATEX-Ex dm IIB T5
- FM-XP-S/II/CD/T5Ta=60;Type 4X
- CSA-Ex dm IIB T5
- NEPSI (China)- Ex ia IIC T6
- INMETRO (Brasil) - Ex md IIB T5
- Ex ia IIB T6
- Ex dmb IIC T5
- Ex dmb IIB T5
- IP66
- CE

Limit Switch and Position Transmittor Enclosure Certifications:

- ExdIIcT6
- IP67



Radius LLC is ISO 9001:2015 Certified.