



## TYPE D210 ELECTRONIC ACTUATOR PILOT WITH MODULATING SERVO-AMPLIFIER

CONTROLS to 150 PSIG

- Modulate Process Variable in Relation to a Proportional Control Input Signal
- Servo-Amplifier provides Continuous Signal for Immediate Response
- Ambient Temperatures 20 to 120°F (-7 to 49°C)
- For use with Balanced Main Valve only

### OPTIONS

- Back-up Power Supply for up to 6 hours continued service during power failure.
- Explosion proof actuator, NEMA
- Fail-Safe Device to stroke Actuator half or full open on input signal failure.

### TYPICAL CONFIGURATIONS

4-20 mA PROPORTIONAL CONTROL .....ED210

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### APPLICATION DATA

- Building Control Systems

### RATINGS

|                   |                            |
|-------------------|----------------------------|
| D210              | 120VAC, 50-60HZ, .3 AMPS   |
| Servo-Amplifier   | 120VAC, 50-60HZ, .3 AMPS   |
| B.U. Power Supply | 120VAC, 60HZ, up to 6 AMPS |

### INPUT SIGNALS

|        |                          |
|--------|--------------------------|
| 1-5mA  | 10-50mA                  |
| 4-20mA | Selectable from 0-24 VDC |

Canadian Registration # OC 0591.9C

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## SPECIFICATION

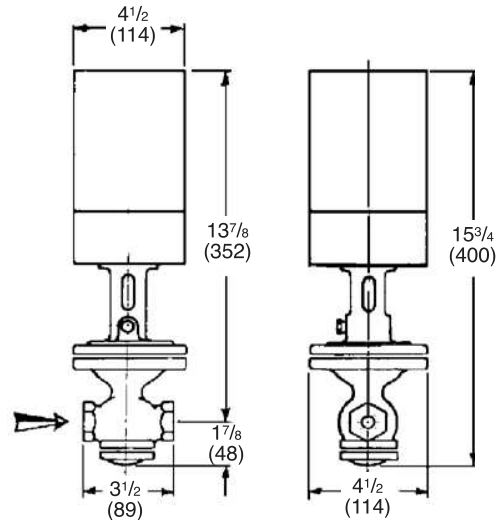
The Actuator Pilot shall maintain a system and modulate that system as requirements dictate. A continuous signal (1-5mA, 4-20mA, 10-50mA or 0-24 VCD) is transmitted by the system control to the Servo-Amplifier which positions the Actuator Pilot.

In the event of a power failure, the Actuator Pilot shall stop in its present position unless a back-up power supply is specified. Such backup power supply shall provide a minimum of specified hours of operation and be maintained in a fully charged standby condition automatically.

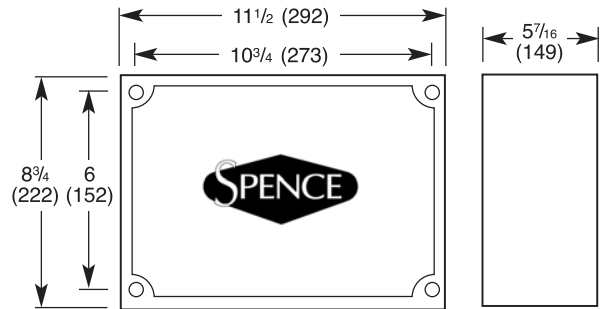
In the event of signal failure, the Actuator Pilot shall close unless a Fail-Safe Device is specified in the Servo-Amplifier which will be factory set to stroke the Actuator Pilot half open or full open.

## MATERIALS OF CONSTRUCTION

Body, Cast Iron .....ASTM 126 Cl. B  
 Body, Carbon Steel .....ASTM 216 Gr. WCB  
 Stem .....303 St. Stl. ASTM 582 Cond. A  
 Disc .....440 St. Stl. ASTM 276-75 Cond. A  
 Seat .....304 St. Stl. ASTM 276 Cond. A  
 Gasket .....Non-asbestos



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