

MODEL AC AMPERAGE CONTROLLER

CPN# 999201.C

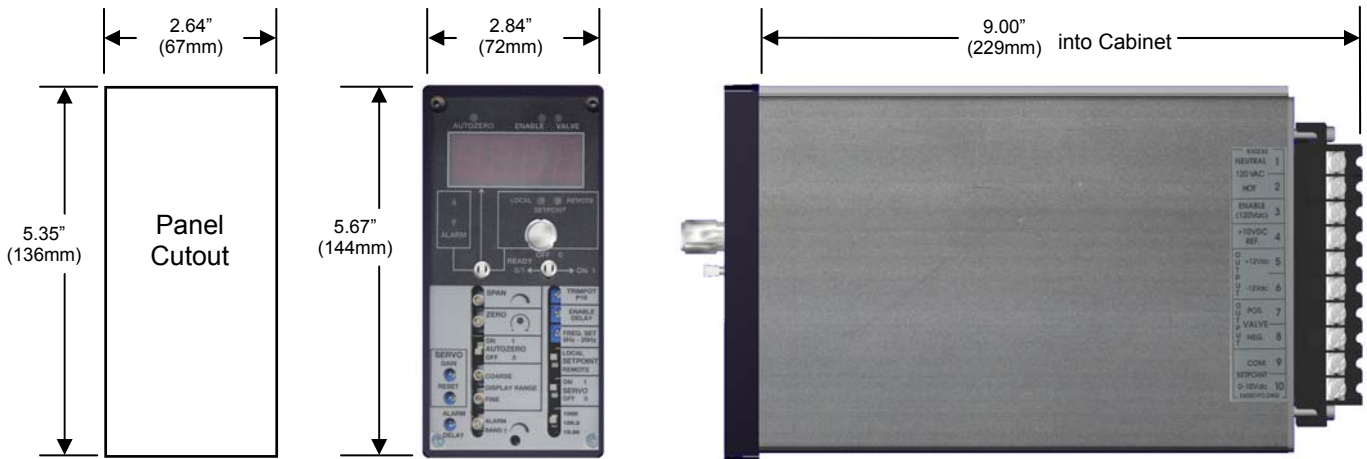


- Digital Display motor amps
- High-Low Alarm Contacts
- Easy Panel Mounting
- Accepts Remote Command Setpoint
- Provides Analog Recorder Output
- Monitor Flow (lbs/min, kg/min, etc).

The Model AC Amperage Controller is a self contained servo control for accurate regulation of steel shot using a MagnaValve. The control may operate as a stand alone control or work with a customer's programmable controller via standard analog 0-10Vdc interface. Alarm contacts will notify of a high or low Amperage outside of an adjustable bandwidth.

ELECTRONICS INCORPORATED

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Temperature Range: 0-50°C/ 32-122°F

All adjustments are available behind the front access plate

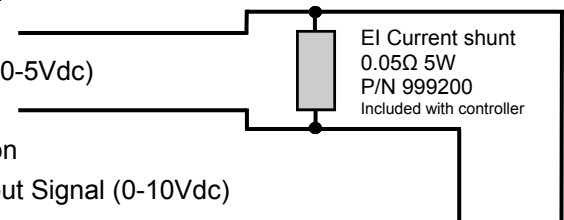
Specifications

| | |
|-----------------|--|
| Power: | 115Vac, 50/60 Hertz, 50VA |
| Inputs: | 0-5 Amps (From Wheel Motor) Remote Command Setpoint (0 -10Vdc) Enable (115Vac) Alarm Reset (115 Vac) |
| Outputs: | Valve Power 50Vdc PWM at 8 Hertz Recorder Analog Output (0 -10Vdc) Alarm Relay Contacts (115Vac @ 1Amp) Max. Excitation Voltage ±12Vdc (100mA) Reference Voltage +10Vdc (10mA) |
| Weight: | 5lbs. |
| Display Range: | 0 -1999 |
| Decimal Points: | 1000, 100.0, 10.0 |
| Alarm Band: | 0 -50% of full scale |
| Alarm Delay: | 0 -10 seconds |
| Reset Delay: | 0 -10 seconds |
| Auto-zero: | ±20% of full scale |



Wiring Connections

- | | |
|-------------------------------------|--------------------------------------|
| 1. Power Neutral (115Vac) | 11. High Alarm Relay Contact |
| 2. Power Hot (115Vac) | 12. Common Alarm Relay Contact |
| 3. Enable Input (115Vac) | 13. Low Alarm Relay Contact |
| 4. (+) 10Vdc Reference Output | 14. Alarm Reset Input (115Vac) |
| 5. (+) 12Vdc Excitation Output | 15. No Connection |
| 6. (-) 12Vdc Excitation Output | 16. 0-0.5Vac Input |
| 7. (+) MagnaValve Output | 17. Voltage Input (0-5Vdc) |
| 8. (-) MagnaValve Output | 18. Input Common |
| 9. Circuit Common | 19. Circuit Common |
| 10. Remote Setpoint Input (0-10Vdc) | 20. Recorder Output Signal (0-10Vdc) |



Note: Green screw for earth-chassis ground used for shield termination.

0-5 AMPS
FROM CUST. CT