

## FEATURES

- Dual Adjustable Manual Override (vary output)
- Top Adjust Dial Potentiometers with knurled stem
- Inputs can be voltage or current (independently)
- Alarm feedback to indicate override is selected
- Handles AC or DC Signal
- Compact size - mounts in snap track

## APPLICATIONS

- Allows Checkout of Actuator and Linkage operation
- Provides temporary override if controller malfunctions

## PRODUCT DESCRIPTION



The MAO installs between a controller and an actuator to provide adjustable analog manual override when needed. In normal operation two (2) analog signals route from the controller through the MAO to each actuator. Flip the override switch from automatic to manual on either

MAO output and vary the analog signal independently. Each output can have a different span and be analog current or voltage. When a switch is in manual position, an alarm output contact is made or broken (optional) to indicate override is in effect.

## ORDERING INFORMATION

Specify: MAO

## SPECIFICATIONS

### Electrical Requirements

#### Power Supply

Supply Voltage 24 VAC or 24 VDC, +/-10%  
Supply Current 100 mA maximum

#### Alarm Feedback

Alarm Output N.O in auto, N.C. in manual (Optional - N.C. in auto, N.O. in manual)  
Optional Resistive Alarm Output 3 Watts or 2 Amps maximum (state resistance value when ordering)  
Current Rating 2 Amps maximum

### Manual Mode

#### Override Analog Input

Voltage Range/Impedance 0-24 VDC/ 2 A maximum

#### Override Analog Input (Selectable)

Range/Impedance 0-5 VDC/ 250 ohms minimum  
0-10 VDC/ 500 ohms minimum  
0-15 VDC/ 750 ohms minimum  
0-20 mA/ 750 ohms maximum

#### Accuracy

+/- 4% of maximum output

## Auto Mode

### *Override Analog Output*

Voltage Range/Impedance

0-24 VDC/ 2 A maximum or  
Same as Override Input

## Mechanical Requirements

### *Connections*

Wire Size

Up to one 14 gauge maximum

Terminal Type

45° Captive screw, moving clamp design

### *Dimensions*

3.755" L X 3.25" W X 1.25" H

Weight

3 oz.

Mounting

Furnished with a 4.0" length of 3.25" wide snap track

## Environmental Requirements

Operating Temperature

32 to 120 deg F

Storage Temperature

0 to 150 deg F

Operating Humidity

10% to 95% Non-condensing

**Specification may change without notice to improve product performance or functionality.**

**Call for Other Calibration Ranges and Versions.**