ZONEFIRST®

Controlling Your Comfort Room by Room

Plug-In Damper Motor Actuator

Model MP12M

The MP12M is the plug-in motor actuator on all of the EZ Wire Plug-In Damper Systems.

The MP12M is a powerful, low current draw, 12 Volt DC power open, power closed motor actuator. Each zone of our control panels are capable of powering up to ten (10) MP12Ms. The MP12M wires with standard modular RJ11 jacks and 4 conductor telephone cable, making wiring literally a snap!

This motor also features a single, two-color LED to indicate the motor actuator position. **GREEN** indicates the damper is **OPEN** and **RED** indicates the damper is **CLOSED**. The LED is not illuminated during cycling. The motor cycles between open and closed in less than 5 seconds.

The MP12M motor has been life tested to over 1,000,000 cycles to provide long life. If necessary, even replacing the motor is a simple less than 1 minute change. Simply loosen the setscrew holding the motor to the damper and slide the motor off the damper shaft. Then place a new one on and secure with the setscrew.

Minimum Position Adjustment

Simply open the cover to minimum position setting. With a screwdriver, loosen the setscrew and adjust your setting to desired position.





Note: *Damper minimum position adjustment does not indicate damper position.* The MP12M is used with ZDSP, ZDBP, RDP, RTP, RRP and OZD dampers and replaces the MP12.

SPECIFICATIONS

Electrical Rating	.100 amps	**Motor Voltage**	12 Volts DC 50/60Hz
Work Range		90º, 3:00 position (open), 6:00 position (closed)	
Torque Rating		7.0 in/lbs, 112.0 in/oz, (0.79Nm) @ 12vdc	
Temperature Limits		-13°F to 150°F (Ambient)	
Connection		RJ11, 2 Ports	
OutPut		Direct Drive Gear, Shaft .224” x .224”	

The above specifications are nominal and conform to generally acceptable industry standards.
ZONEFIRST is not responsible for damages resulting from misapplication or misuse of its products.

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www.zonefirst.com | info@zonefirst.com