

MicroMag-Nema Door



The **MicroMag-Nema Door** is a new design allowing the MicroMag to be mounted to the front of your customer's NEMA 4 enclosure. A HT800 Cellular Silicone Gasket seals the LCD Keypad between the enclosure and the MicroMag providing a NEMA 4 IP66 rating*.

The MicroMag-Nema Door can be installed Indoor or outdoor (when mounted correctly).*

A complete software support package MCS-CONNECT is available for your PC allowing for dynamic on-line display screens, remote communication, graphing, and more.

Controller

Dimensions	10.842"l, 7.867"w, 3.141"h
Mounting Holes.....	Mounts on a door using Eight #6 metal studs and nuts HT800 Cellular Silicone Gasket NEMA 4 IP66 rated* Indoor or outdoor (when mounted correctly)
Operating Temperature ..	-4°F to +158°F (-20°C to +70°C)
Storage Temperature	-4°F to +158°F (-20°C to +70°C)
Sensor Inputs (SI).....	10 inputs 0-5vdc (10-bit A/D)
Relay Outputs (RO)	6 outputs 5.0 amps @ 24V/120V/230V
Analog Outputs (AO) ...	4 outputs 0-10vdc
Printed Circuit Board ...	Four layer with separate power and ground planes
Input Power (Standard)	24VAC ±10% 50/60Hz @ 77°F (25°C) ambient, 25VA min
Current Draw	850mA @ 24VAC
MCS-I/O Comm Port ...	1 @ 38,400 baud
RS-485 Comm Port	2 @ 19,200 to 115,200 baud, select from MCS Protocol, Bacnet MSTP, Modbus RTU
Real Time Clock	Battery backup
Power Detection	Automatic power fail reset
Real Time Clock	Battery backed
Power Detection	Automatic power fail reset

Keypad/LCD

Display.....	2 x 16 Backlit
Keypad Layout.....	6 keys (Menu, Enter, 4 direction)
Connection	12 pin header plus 4 nylon bolts



*NEMA 4 Ip66 Rating

An IP66 rated fixture is protected against multi-directional, high-pressure water jets. To pass IP66 testing, the fixture must be able to withstand water projected from 0.50-inch nozzle, multi-directional, high-pressure jets. This test must be run for a minimum of three minutes, at a distance of three yards, with a water volume of 26.4 gallons per minute and a pressure of 100 kPa.