

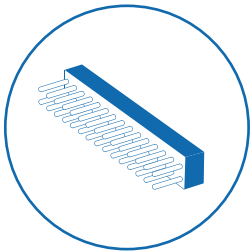
MI/O-67[®] Fieldbus Platform

with I/O communication options.

Compatible with 42, 36/46 & 92 Series MAC Valves

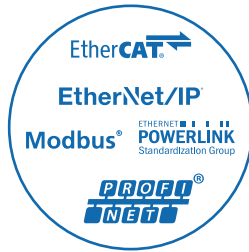


Key Benefits



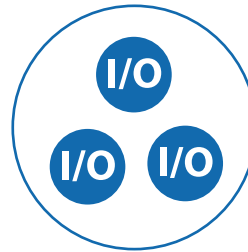
MAConnect[®]

MI/O-67[®] will utilize existing MAConnect[®] technology with MI/O-67[®] specific part numbers



5 Protocols

EtherNet/IP[®]
EtherCAT
POWERLINK[®]
PROFINET[®]
Modbus/TCP[®]



3 Modules

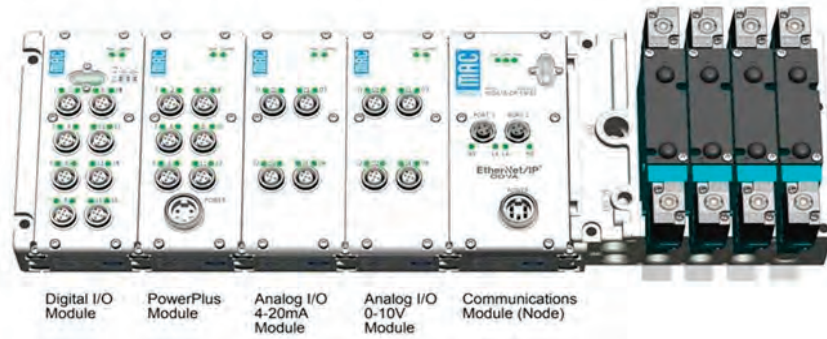
Digital, Analog and PowerPlus[™] modules to accommodate any I/O or additional valves needed



IP67

Designed to meet IP67 washdown specifications (with appropriate valve series modifications)

Each communication module will be capable of driving up to 32 solenoids (32 singles, 16 doubles max or any combination of the two up to 32 solenoids) on the MAConnect[®] stack. The module has the capability of outputting 8 A max (0.5 A per channel) to the MAConnect[®] stack. You can connect up to 12 additional modules to each communication module and have 8A to spread across those additional modules. All of the MI/O-67[®] modules will operate on a 24VDC negative common setup. It will be attached to the MAConnect[®] stack via a valve series specific adapter. The communications modules will be available in both a 7/8" 4-pin mini and 7/8" 5-pin mini power configuration and will incorporate two Ethernet M12 ports for passing communication signal through to other modules.



Available Communication Modules



Digital I/O Module

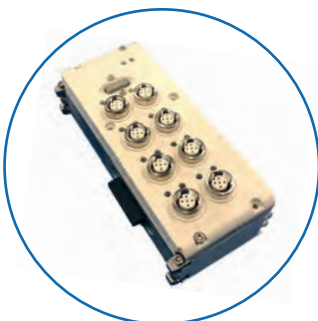
The MAC Digital I/O module will be able to change the entire module between NPN and PNP input mode and will also have control over the number of inputs and outputs. The configuration options for I/O will be:

- 0 inputs, 16 outputs
- 16 inputs, 0 outputs
- 8 inputs, 8 outputs



PowerPlus™ Module

The PowerPlus™ module gives you an additional 12 output points at 0.5 A per channel. The setup is similar to the Digital and Analog modules in that there are two outputs per M12 connector. The PowerPlus™ module also allows you to bring in an additional 6 A of power via a 7/8" 5-pin mini power connector to control additional outputs such as valves, sensors and other outputs.



Analog I/O Modules

The analog I/O modules will also be available on the initial release of the MI/O-67® platform. Unlike the Digital I/O module, these modules are not configurable. Each Analog I/O module comes set at 4 inputs and 4 outputs (one input and one output per M12 connector). You will also need to take note whether your customer is using 4-20 mA or 0- 10VDC analog I/O as they are ordered as two separate modules. Each configuration will also include fault detection.

Each communication module will be capable of driving up to 32 solenoids (32 singles, 16 doubles max or any combination of the two up to 32 solenoids) on the MACConnect® stack.