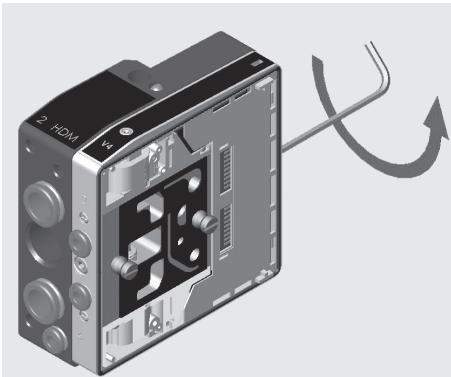


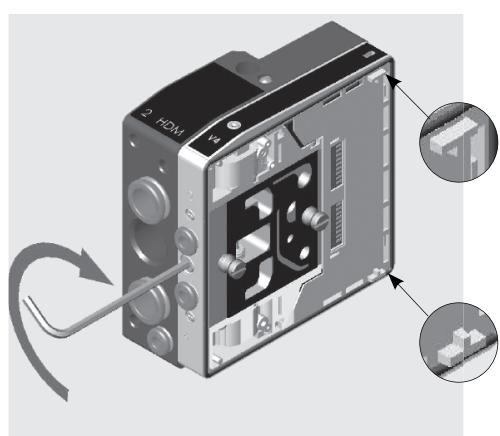
## Assembly And Pneumatic Testing:

1.



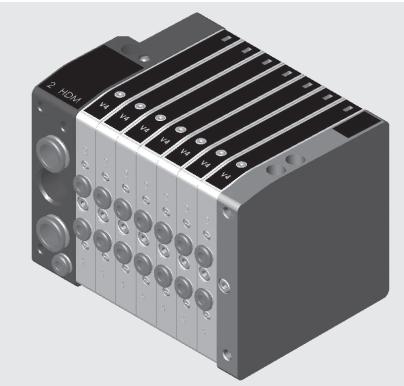
Align first valve with left end plate. Tighten the rear locking set screw with hex key 2.5 mm to a torque of 1.5 Nm (13 lb-in)

2.



Tighten the front locking set screw with hex key 2.5 mm to a torque of 1.5 Nm (13 lb-in)

3.



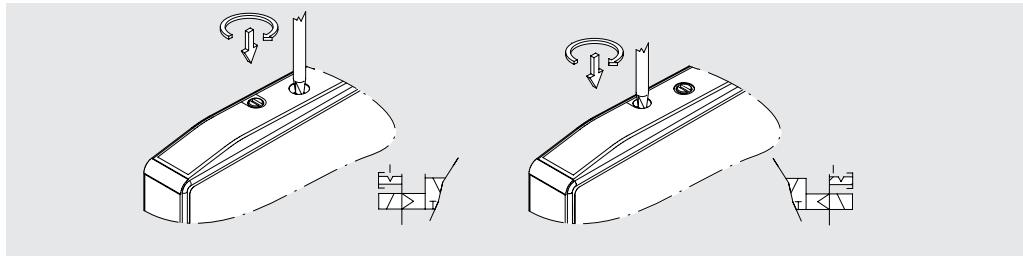
Continue in the same way to assemble the other valves as far as the end plate. Make sure that the contact fingers of each valve engages with the successive ones and with the relevant seat in end plate, verifying also that the gasket is in its seat.

4.



When complete it is necessary to perform a pneumatic test on the assembly to check general tightness. Plug the valve output fittings and connect the terminal input fittings marked with identification numbers 1, 11, X to the supply. The pressure used for the test must always be between 45-100 psi [3.1-6.9 bar].

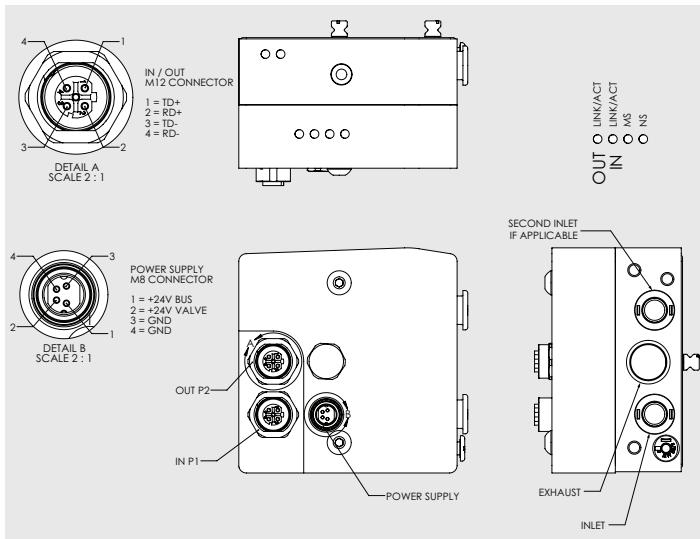
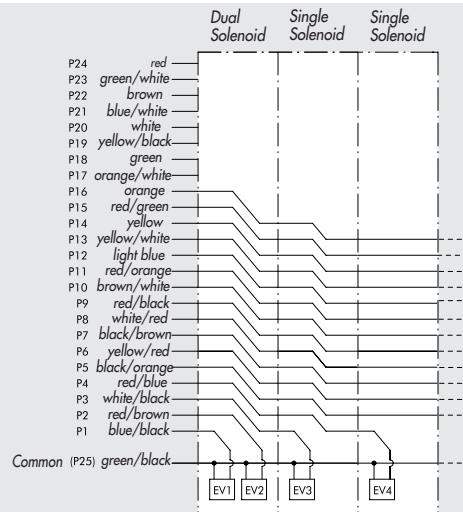
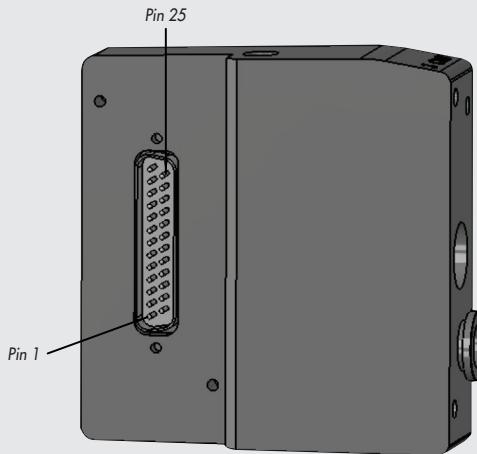
## Manual Controls:



### Locking Manual Override Port 2 or 4 pilot-assisted

- Press the manual control in to operate valve then turn it clockwise 90 degrees to lock.
- To unlock rotate the manual control 90 degrees counter clockwise and then release it.
- The valve returns to the home position with the exception of CMV-B2L-XX which remains switched.

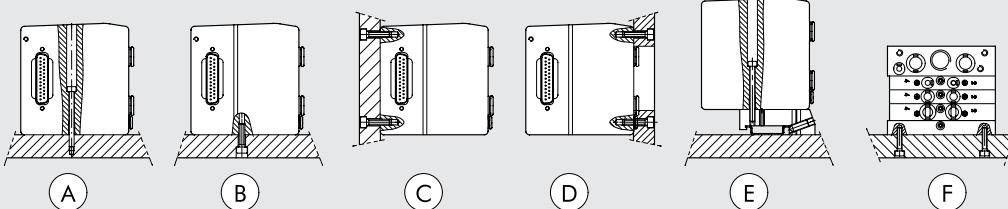
## General Wiring:



## EtherNet/IP enabled inlet plates:

- Use 4-pole M12 cables for both In and Out Ethernet connections and a 4-pole M8 cable for power.
- Each valve manifold assembly can have a maximum of 16 solenoids.
- Solenoids from left to right (1 through 16) equal bits 0 through 15. i.e. Solenoid 1 will be bit 0.
- Any number of valve manifold assemblies can be “daisy chained” together on the same network.

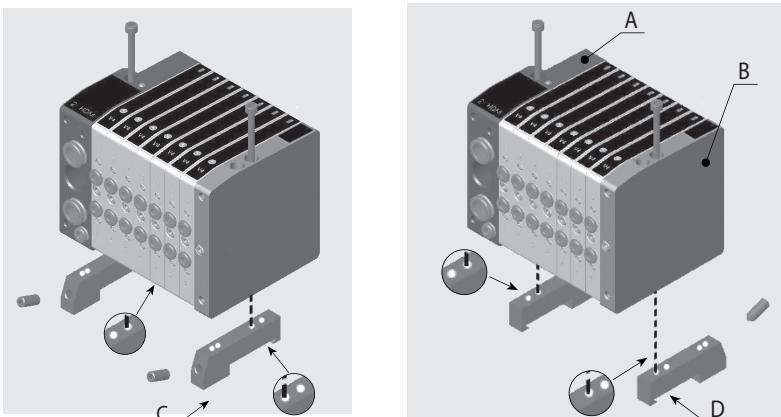
## Mounting the Base:



- Top mount using (2) M4-0.7x45mm socket head cap screws (5.8 Nm [51 lb-in]).
- / C. Bottom or rear mounting using (2) M5-0.8 (length as needed), (12Nm [106 lb-in]).
- Face mounting using (2) M5-0.8 (length as needed), (12Nm [106 lb-in]). An opening for the pipes is needed in the plate.
- DIN rail mounting using 35mm DIN bracket (CMV-ACC04 (2 required) - hardware included).
- Side mounting using the blind end plate, and (4) M4-0.7 (length as needed), (5.8 Nm [51 lb-in]) threads on the side.

Note: Other mounting positions not recommended.

## General Assembly Instructions:



## Fitting the DIN brackets (CMV-ACC04 - 2 required):

Fix the brackets onto both end plates (A and B) using the screws supplied with the brackets (12Nm [106 lb-in]). Brackets can be positioned facing either direction as shown on C or D.