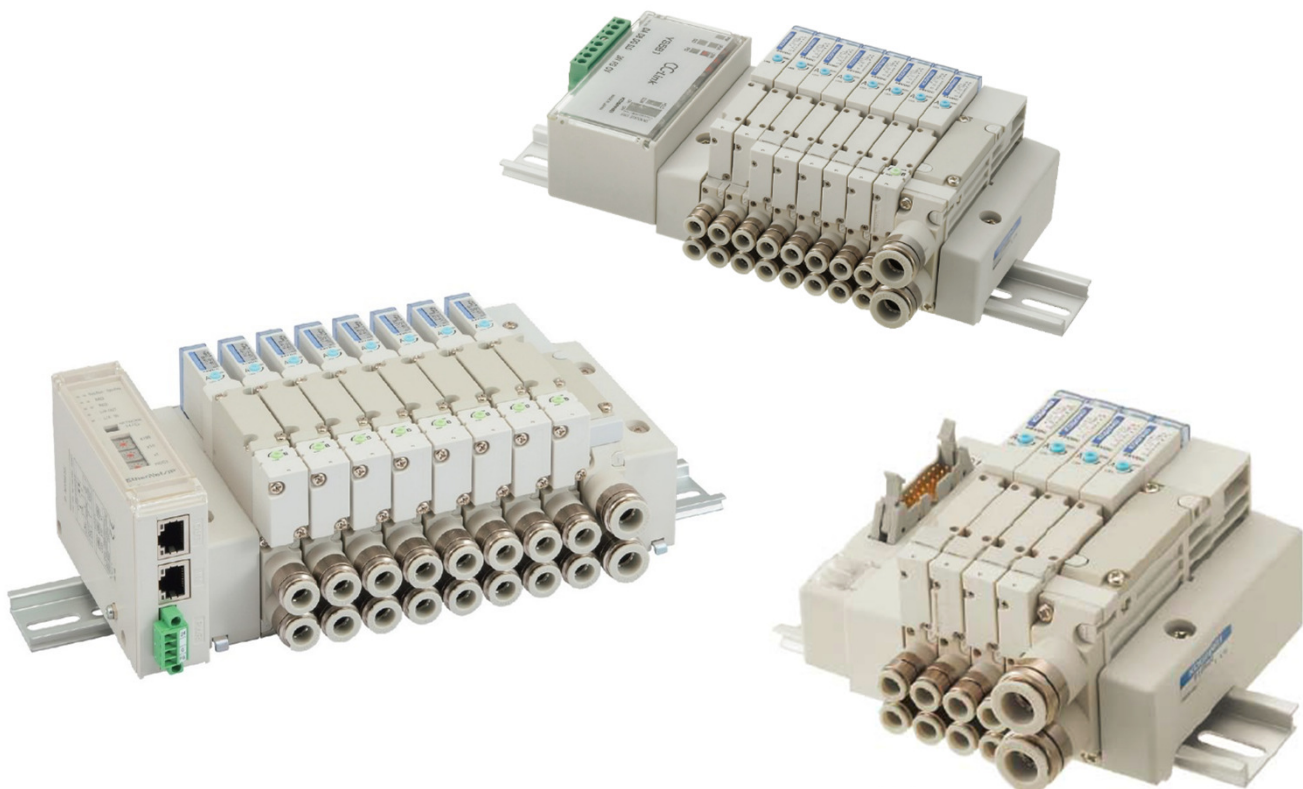


# F-SERIES VALVE



Serial Transmission Including:  
**EtherNET/IP • Device Net • EtherCat**



**Quick Delivery! F10 & F15 Series in Stock and Assembled in Franklin, MA**



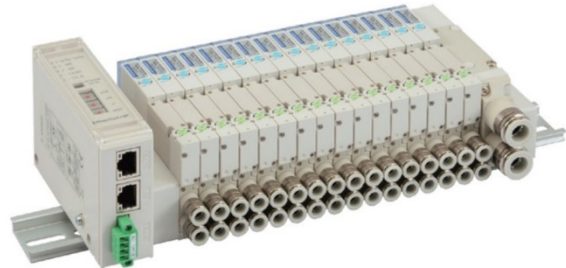
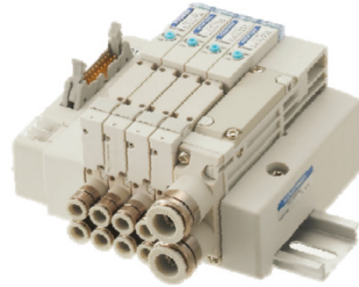
**10mm | 15mm | 18mm**

## F10 SERIES

- **Valve width:** 10 mm [0.394 in.]
- **Sonic conductance C:**  $0.97 \text{ dm}^3/(\text{s}\cdot\text{bar})$  [Cv: 0.27]
- **Applicable cylinder bore sizes:**  
 $\phi 20$  [0.787 in.]  $\sim \phi 50$  [1.969 in.]

Available as:

- Single Valve Unit
- Monoblock Base or Direct Piping
- Monoblock PC Board Manifold
- Split Manifold w/ Plug in or Non Plug In Type
- Serial Transmission
- 25 pin & 37 pin Dsub



- 5 Ports and Tandem 3 Ports available • Single & Double Solenoid
- 3 Position available with Closed Center, Exhaust Center or Pressure Center
  - Field Selectable between double solenoid or single solenoid.
  - Field Selectable Base or Direct piping.

## F15 SERIES

- **Valve width:** 15 mm [0.591 in.]
- **Sonic conductance C:**  $2.05 \text{ dm}^3/(\text{s}\cdot\text{bar})$  [Cv: 0.57]
- **Applicable cylinder bore sizes:**  
 $\phi 40$  [1.575 in.]  $\sim \phi 80$  [3.150 in.]

Available as:

- Single Valve Unit
- Monoblock Base or Direct Piping
- Monoblock PC Board Manifold
- Split Manifold w/ Plug in or Non Plug In Type
- Serial Transmission
- 25 pin & 37 pin Dsub



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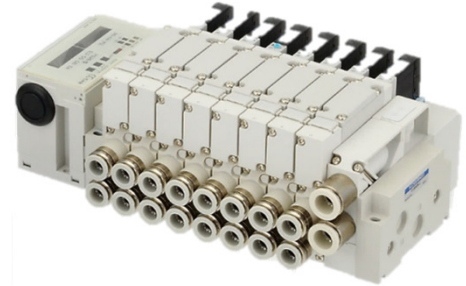
## F18 SERIES

- **Valve width:** 18 mm [0.709 in.]
- **Sonic conductance C:** 3.6 dm<sup>3</sup>/(s·bar) [Cv: 1]
- **Applicable cylinder bore sizes:**  
φ 50 [1.969 in.] ~ φ 100 [3.937 in.]



Available as:

- Single Valve Unit
- Monoblock Base or Direct Piping
- Monoblock PC Board Manifold
- Split Manifold w/ Plug in or Non Plug In Type
- Serial Transmission
- 25 pin & 37 pin Dsub



- 5 Ports • Single & Double Solenoid
- 3 Position available with Closed Center, Exhaust Center or Pressure Center
  - Field Selectable between double solenoid or single solenoid.
  - Field Selectable Base or Direct piping.

## SERIAL TRANSMISSION



Integrated type (F10, F15 series)



Stand-alone type

## EtherNET/IP • Device Net • EtherCAT

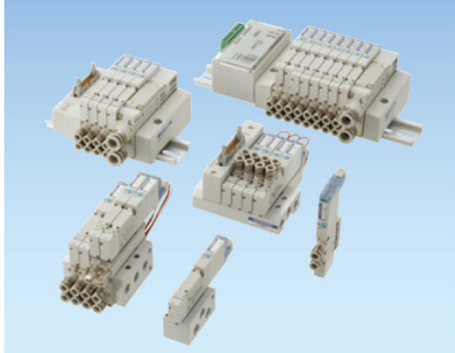
Other serial communication supported:

- Omron
- CC-Link
- DeviceNet
- CompoNet

# F-SERIES:

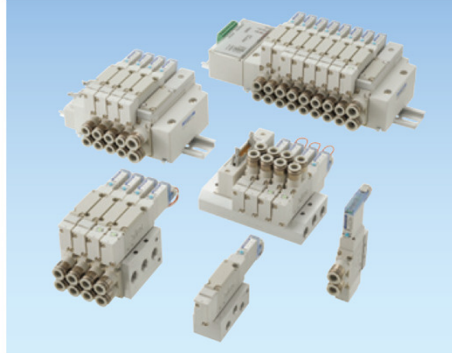
BLOCK MANIFOLD & DIN RAIL (PLUG-IN & NON-PLUG-IN)  
CHANGEABLE FITTING BLOCK (MANIFOLD or DIRECT)  
DUAL USE PUSH TO CONNECT FITTINGS  
TANDEM 3 PORT VALVE (3 MODELS)  
0.1W LOW WATT COIL AVAILABLE  
BACK PRESSURE VALVE OPTION  
MUCH MORE!

## Solenoid Valves F10 Series



- Valve width: 10 mm [0.394 in.]
- Sonic conductance C: 0.97 dm<sup>3</sup>/(s·bar) [Cv: 0.27]
- Applicable cylinder bore sizes:  
φ 20 [0.787 in.] ~ φ 50 [1.969 in.]

## Solenoid Valves F15 Series



- Valve width: 15 mm [0.591 in.]
- Sonic conductance C: 2.05 dm<sup>3</sup>/(s·bar) [Cv: 0.57]
- Applicable cylinder bore sizes:  
φ 40 [1.575 in.] ~ φ 80 [3.150 in.]

## Solenoid Valves F18 Series



- Valve width: 18 mm [0.709 in.]
- Sonic conductance C: 3.6 dm<sup>3</sup>/(s·bar) [Cv: 1]
- Applicable cylinder bore sizes:  
φ 50 [1.969 in.] ~ φ 100 [3.937 in.]



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