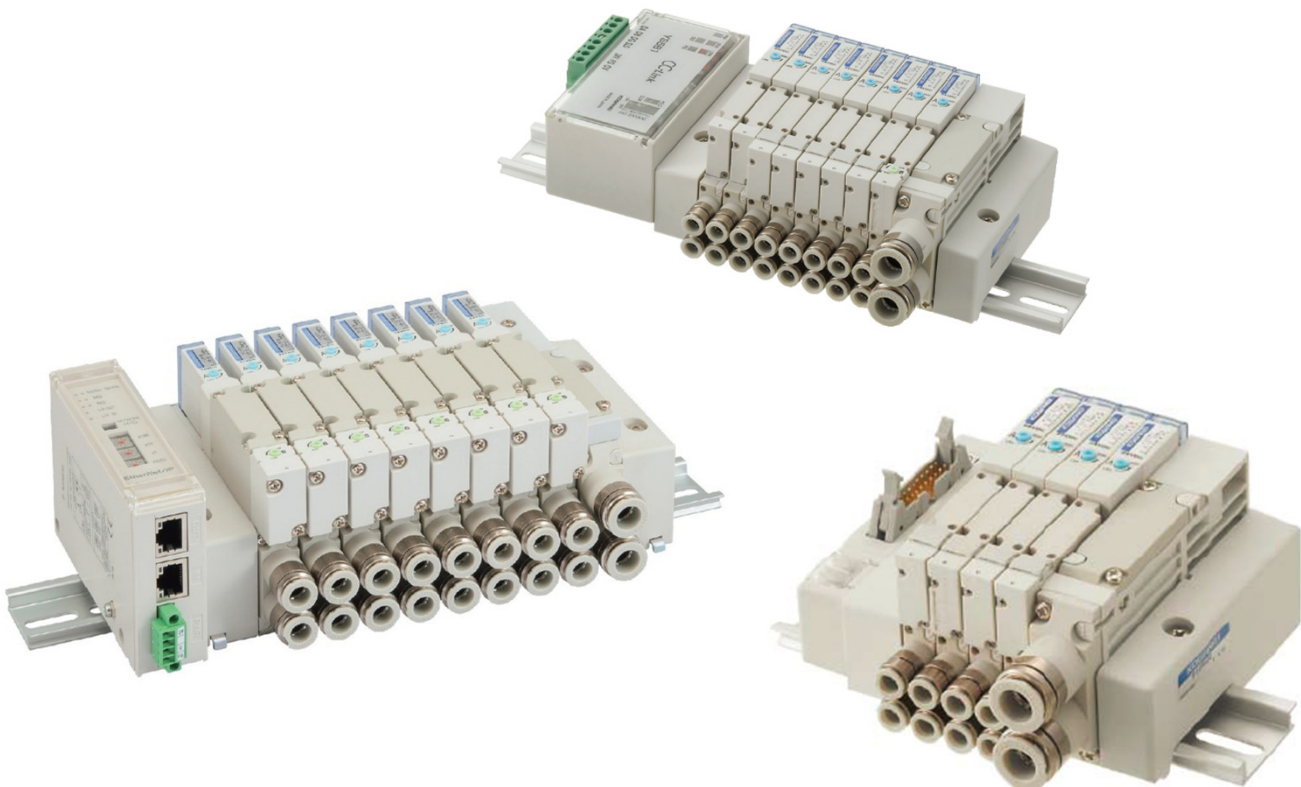


F-SERIES VALVE



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



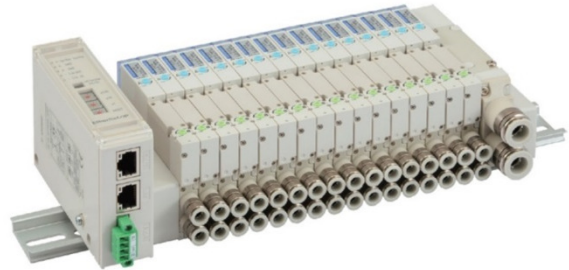
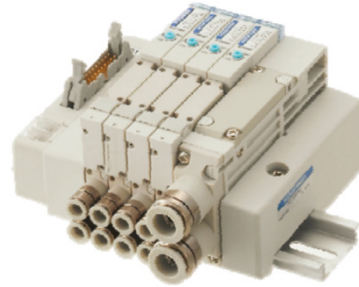
10mm | 15mm | 18mm

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



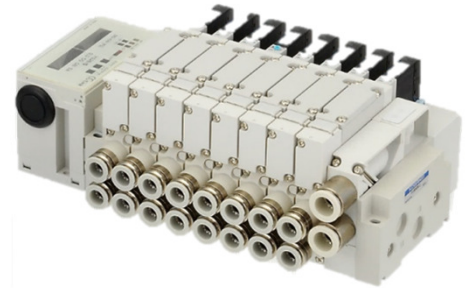
- 5 Ports and Tandem 3 Ports available • Single & Double Solenoid
- 3 Position available with Closed Center, Exhaust Center or Pressure Center
 - Field Selectable between double solenoid or single solenoid.
 - Field Selectable Base or Direct piping.

F18 SERIES

- **Valve width:** 18 mm [0.709 in.]
- **Sonic conductance C:** 3.6 dm³/(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

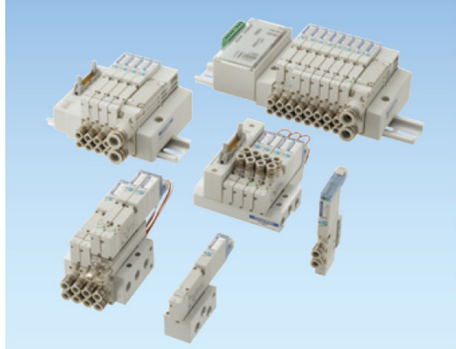
Other serial communication supported:

- Omron
- CC-Link
- DeviceNet
- CompoNet

F-SERIES:

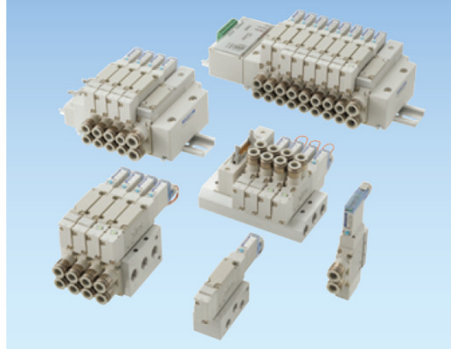
BLOCK MANIFOLD & DIN RAIL (PLUG-IN & NON-PLUG-IN)
CHANGEABLE FITTING BLOCK (MANIFOLD or DIRECT)
DUAL USE PUSH TO CONNECT FITTINGS
TANDEM 3 PORT VALVE (3 MODELS)
0.1W LOW WATT COIL AVAILABLE
BACK PRESSURE VALVE OPTION
MUCH MORE!

Solenoid Valves F10 Series



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

Solenoid Valves 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.] ~ $\phi 80$ [3.150 in.]

Solenoid Valves F18 Series



- Valve width: 18 mm [0.709 in.]
- Sonic conductance C: $3.6 \text{ dm}^3/(\text{s} \cdot \text{bar})$ [Cv: 1]
- Applicable cylinder bore sizes:
 $\phi 50$ [1.969 in.] ~ $\phi 100$ [3.937 in.]



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