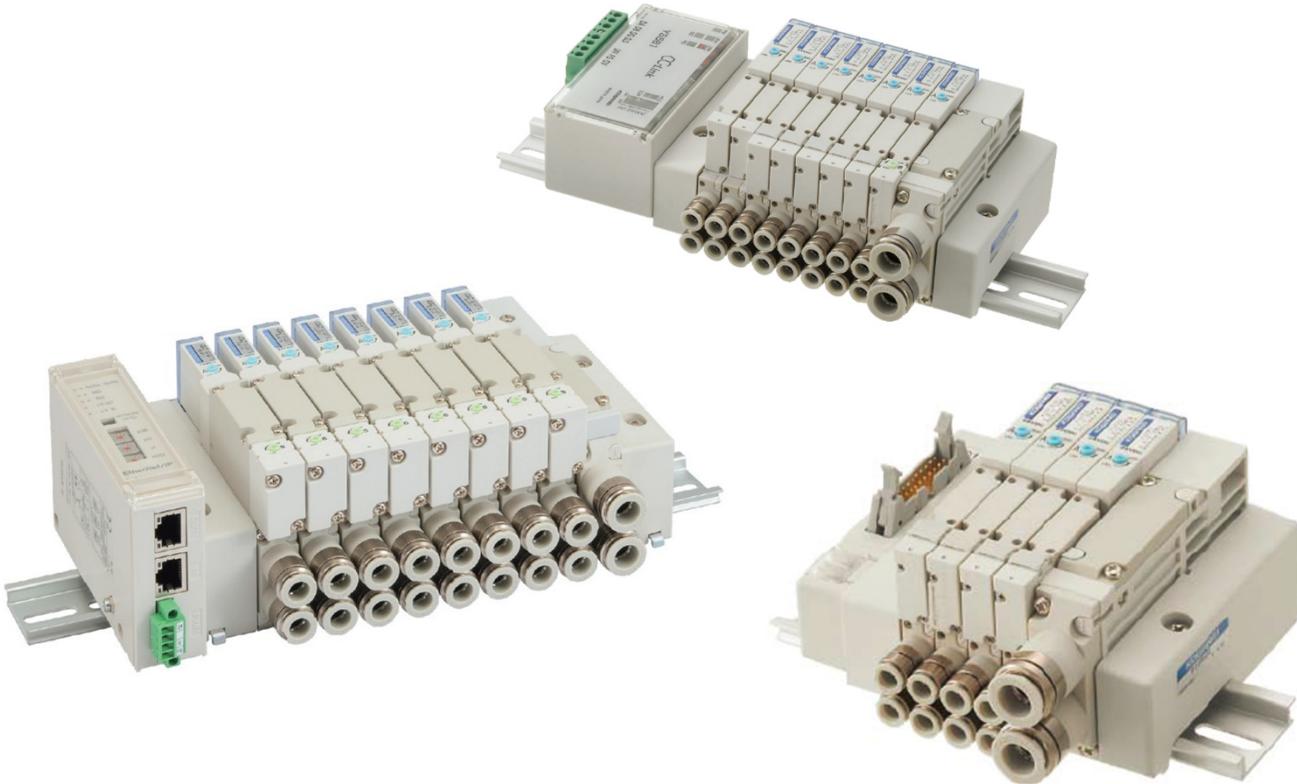


# F-SERIES VALVE



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 dm<sup>3</sup>/(s·bar) [Cv: 0.27]
- **Applicable cylinder bore sizes:**  
φ 20 [0.787 in.] ~ φ 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 dm<sup>3</sup>/(s·bar) [Cv: 0.57]
- **Applicable cylinder bore sizes:**  
φ 40 [1.575 in.] ~ φ 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 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!



- 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.]



- 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.]



- 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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