

F10, F15 Series Serial Transmission Compatible Manifold Order Codes

Manifold outlet specification

With dual use fitting blocks (base piping type)



Outlet port fitting
F10: φ4, φ5
F15: φ6, φ8

With female thread blocks (base piping type)



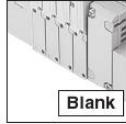
Outlet port female thread
F10: M5 × 0.8
F15: Rc1/8

With selectable fittings (base piping type)



Outlet port should be selected in accordance with the manifold fitting specification.

With plates (direct piping type)



Blank

Pilot specification

Blank

Internal pilot manifold

G

External pilot manifold

Piping block specification (air supply and exhaust)

Fitting block

- JR : Dual use fitting, right-side mounting^{Note13}
 - JL : Dual use fitting, left-side mounting^{Note13}
 - JD : Dual use fitting, both-side mounting^{Note13}
- Fitting size (1(P), 3, 5(R) ports), φ8, φ10

Female thread block

- MR : Female thread, right-side mounting^{Note13}
 - ML : Female thread, left-side mounting^{Note13}
 - MD : Female thread, both-side mounting^{Note13}
- Female thread size (1(P), 3, 5(R) ports), Rc1/4

Female thread block

- MRH : Female thread, right-side mounting^{Note14}
 - MLH : Female thread, left-side mounting^{Note14}
 - MDH : Female thread, both-side mounting^{Note14}
- Female thread size (1(P), 3, 5(R) ports), NPT1/4

Single use fitting block

- J5R : Single use fitting, right-side mounting^{Note13}
 - J5L : Single use fitting, left-side mounting^{Note13}
 - J5D : Single use fitting, both-side mounting^{Note13}
- Fitting size (1(P), 3, 5(R) ports), φ8
- J6R : Single use fitting, right-side mounting^{Note13}
 - J6L : Single use fitting, left-side mounting^{Note13}
 - J6D : Single use fitting, both-side mounting^{Note13}
- Fitting size (1(P), 3, 5(R) ports), φ10

Transmission block specification

※ These are the serial transmission block specifications compatible with each system.



● Block on the right photo is the case of B7A Link Terminal.
For details, see p. 37-39.

Integrated type

- A1 : For OMRON CompoBus/S (16 outputs)
- B1 : For CC-Link (16 outputs)^{Note2}
- B3 : For CC-Link (32 outputs)^{Note2}
- D1 : For DeviceNet (16 outputs)
- D3 : For DeviceNet (32 outputs)
- H1 : For CompoNet (16 outputs)
- K1 : For EtherCAT (16 outputs)
- K3 : For EtherCAT (32 outputs)
- M1 : For EtherNet/IP (16 outputs)^{Note2}
- M3 : For EtherNet/IP (32 outputs)^{Note2}

Stand-alone type

- 31 : For OMRON B7A Link Terminal (standard)
- 32 : For OMRON B7A Link Terminal (high speed)

Wiring connection specification

Blank

Packed wiring: Wiring is made in accordance with the mounted valve specifications.

-W

Double wiring: Wiring is always for the double solenoid, regardless of the specifications of the mounted valve.

Wiring position (transmission block)

Blank : Left-side mounting
-R : Right-side mounting

Valve size

- F10 : Standard type
- F10L : Low-current type
- F15 : Standard type
- F15L : Low-current type

Note: Valves of F10□ and F15□ cannot be mounted together.

Valve size

- F10M : 10 mm [0.394 in.] width
- F15M : 15 mm [0.591 in.] width

Valve size	Valve units	Manifold type	Manifold outlet specification	Pilot specification	Piping block specification	Transmission block specification	Wiring connection specification	Wiring position
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Base piping type	Manifold outlet specification	Pilot specification	Piping block specification		Transmission block specification			Wiring connection specification	Wiring position
			Fitting block	Female thread block	Integrated type	Stand-alone type	Wiring connection specification		
Base piping type selectable fitting	J M	Blank G	-JR -JL -JD -MR -ML -MD	-J5R -J5L -J5D -J6R -J6L -J6D	-31 -32 -A1 -B1 -B3	-D1 -D3 -H1 -K1 -K3	-M1 ^{Note2} -M3 ^{Note2}	Blank -W	Blank -R
			L	Blank G	-JR ^{Note13} -JL ^{Note13} -JD ^{Note13} -MR ^{Note13} -ML ^{Note13} -MD ^{Note13} -MRH ^{Note14} -MLH ^{Note14}	-MDH ^{Note14} -J5R ^{Note13} -J5L ^{Note13} -J5D ^{Note13} -J6R ^{Note13} -J6L ^{Note13} -J6D ^{Note13}	-31 -32 -A1 -B1 -B3	-D1 -D3 -H1 -K1 -K3	-M1 ^{Note2} -M3 ^{Note2}
Direct piping type	Blank	Blank G	-JR ^{Note13} -JL ^{Note13} -JD ^{Note13} -MR ^{Note13} -ML ^{Note13} -MD ^{Note13} -MRH ^{Note14} -MLH ^{Note14}	-MDH ^{Note14} -J5R ^{Note13} -J5L ^{Note13} -J5D ^{Note13} -J6R ^{Note13} -J6L ^{Note13} -J6D ^{Note13}	-31 -32 -A1 -B1 -B3	-D1 -D3 -H1 -K1 -K3	-M1 ^{Note2} -M3 ^{Note2}	Blank -W	Blank -R

Notes: 1. To determine the maximum number of units, see the table for maximum number of valve units by transmission block specification, on p. 70.
Notes: 2. CE marking compliant.
Notes: 3. Contact our nearest sales office for information about the F18 series.