

F10, F15 Series Monoblock Manifold F Type (Direct Piping Type) Order Codes

Valve size

F10M
10 mm [0.394 in.] width

F15M
15 mm [0.591 in.] width

Valve outlet type

5-port specification

- FJ** With dual use fitting block^{Note8} (direct piping type) **F10**: φ4, φ6 **F15**: φ6, φ8
- FJ5** With single use fitting block^{Note8} (direct piping type) **F10**: φ4 **F15**: φ6
- FJ6** With single use fitting block^{Note8} (direct piping type) **F10**: φ6 **F15**: φ8
- FM** With female thread block^{Note8} (direct piping type) **F10**: M5 × 0.8 **F15**: Rc1.8
- FMH** With female thread block^{Note8} (direct piping type) **F10**: 10-32UNF **F15**: NPT1/8


3-port specification

- FJ5A** With single use fitting block, normally closed (NC)^{Note8} (direct piping type) **F10**: φ4 **F15**: φ6
- FJ5B** With single use fitting block, normally open (NO)^{Note8} (direct piping type) **F10**: φ4 **F15**: φ6
- FJ6A** With single use fitting block, normally closed (NC)^{Note8} (direct piping type) **F10**: φ6 **F15**: φ8
- FJ6B** With single use fitting block, normally open (NO)^{Note8} (direct piping type) **F10**: φ6 **F15**: φ8
- FMA** With female thread block, normally closed (NC)^{Note8} (direct piping type) **F10**: M5 × 0.8 **F15**: Rc1.8
- FMAH** With female thread block, normally closed (NC)^{Note8} (direct piping type) **F10**: 10-32UNF **F15**: NPT1/8
- FMB** With female thread block, normally open (NO)^{Note8} (direct piping type) **F10**: M5 × 0.8 **F15**: Rc1.8
- FMBH** With female thread block, normally open (NO)^{Note8} (direct piping type) **F10**: 10-32UNF **F15**: NPT1/8


Caution: The 3-port specifications are only available in the valve specification **T0**, **T1**, and **T2**.

Wiring specification


L type plug connector Without connector



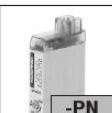
S type plug connector Lead wire 3000 mm [118 in.]




Pre-wired positive common terminal S type plug connector Lead wire 3000 mm [118 in.]



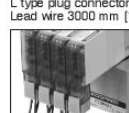
L type plug connector Without connector




L type plug connector Lead wire 3000 mm [118 in.]




Pre-wired positive common terminal L type plug connector Lead wire 3000 mm [118 in.]




S type plug connector Lead wire 300 mm [11.8 in.]




Pre-wired positive common terminal S type plug connector Lead wire 300 mm [11.8 in.]




DIN connector type with indicator^{Note7}




L type plug connector Lead wire 300 mm [11.8 in.]



Pre-wired positive common terminal L type plug connector Lead wire 300 mm [11.8 in.]




DIN connector type without connector^{Note7}



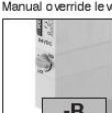
Manual override

Manual override button




No protrusion with DIN connector

Manual override lever^{Note2}



Protruding locking type^{Note6}



Valve specification

T0 : 2-position, for single solenoid only
T1 : 2-position, single solenoid specification
T2 : 2-position, double solenoid specification
T3 : 3-position, closed center
T4 : 3-position, exhaust center
T5 : 3-position, pressure center
TA : Tandem 3-port (NC and NC)
TB : Tandem 3-port (NO and NO)
TC : Tandem 3-port (NC and NO)

Individual air supply and exhaust spacer, stop valve

Blank : No spacer and no stop valve
-NPM : Individual air supply spacer (with M5 female thread for F10)^{Note10}
-NP6 : Individual air supply spacer (with φ6 fitting for F15)^{Note10}
-NP8 : Individual air supply spacer (with φ8 fitting for F15)^{Note10}
-NRM : Individual exhaust spacer (with M5 female thread for F10)^{Note10}
-NR6 : Individual exhaust spacer (with φ6 fitting for F15)^{Note10}
-NR8 : Individual exhaust spacer (with φ8 fitting for F15)^{Note10}
-STP : With stop valve

For details, see p. 23, 25.

Back pressure prevention valve

Blank : No back pressure prevention valve
-E1 : With back pressure prevention valve^{Note3}

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	Valve units	Manifold type	Station	Valve size	Valve specification	IP specification	Manual override	Valve outlet type	Wiring specification	Back pressure prevention valve	Individual air supply and exhaust spacer, stop valve	Voltage		
Manifold model			Mounting valve model											
F10M F15M	2 ⋮ 20	F FH	stn. 1 ⋮ stn. □ <small>Note1</small>	F10	T0	TA	Blank <small>-P</small> ^{Note11}	Blank <small>-R</small> ^{Note2} <small>-83</small> ^{Note6}	-FJ ^{Note8}	-FJ6A ^{Note8}	Blank	-CPS	Blank	DC24V DC12V ^{Note4} AC100V ^{Note5,10} AC120V ^{Note5} AC240V ^{Note5,8}
				F10L	T1	TB			-FJ5 ^{Note8}	-FJ6B ^{Note8}		-PN		
				F15	T2	TC			-PS	-CPS3				
				F15L	T3				-PL	-CPL3				
					T4				-PS3	-39L ^{Note7}				
					T5				-PL3	-39N ^{Note7}				
				F10 F15	BP (for block-off plate)									
											Blank	-E1 ^{Note3}		
											-NPM ^{Note10}	-NRM ^{Note10}		
											-NP6 ^{Note10}	-NR6 ^{Note10}		
											-NP8 ^{Note10}	-NR8 ^{Note10}		
												-STP		

Notes: 1. Valve mounting location is from the left, with the solenoid on top, and the 4(A), 2(B) ports side in front.
 2. When the valve specification is **T1** or **T2**, the manual override lever is placed only on the A side. This is not available with **-39**□.
 3. Not available with the individual exhaust spacer.
 4. Not available in low-current type.
 5. Not available in low-current type and tandem 3-port valves.
 6. Only for wiring specification **-39**□.

7. Only for **F15** series and not available for valve specification **T1**, **TA**, **TB**, and **TC**. In addition, the valve is used only as a double solenoid for **T2**.
 8. Can be selected only when the manifold type is **F**.
 9. Can be selected only when the manifold type is **FH**.
 10. Not available with DIN connectors (**-39**□).
 11. IP65 compliant protective construction to protect against intrusion of dust and water from outside.
 Remarks: 1. The external pilot type valve cannot be mounted on the F type manifold.
 2. Negative common specifications are also available as made to order products (add **-129W** to the ends of the valve and manifold model order codes). For details, consult us.