

F10, F15 Series Single Valve Unit Order Codes

Valve size

F10
10 mm [0.394 in.] width
Standard type

F10L
10 mm [0.394 in.] width
Low-current type

F15
15 mm [0.591 in.] width
Standard type

F15L
15 mm [0.591 in.] width
Low-current type

Valve outlet type

Without inlet/outlet block
Blank

With outlet port dual use fitting block
-FJ

With outlet port female thread block
With inlet port female thread block
-F4
-F4H

-F4 inlet/outlet port
F10: M5 × 0.8
F15: Rc1.8

-F4H inlet/outlet port
F10: 10-32UNF
F15: NPT1.8

With outlet port single use fitting block
-FJ5

Outlet port fitting
F10: φ4
F15: φ6

With outlet port single use fitting block
With inlet port female thread block Note6
-F5

Outlet port fitting
F10: φ4
F15: φ6

With outlet port single use fitting block
With inlet port female thread block Note6
-F6

Outlet port fitting
F10: φ6
F15: φ8

With outlet port single use fitting block
With inlet port female thread block Note6
-F5A

Outlet port fitting
F10: φ6
F15: φ8

With outlet port single use fitting block
With inlet port female thread block Note6
-F6A

Outlet port fitting
F10: φ6
F15: φ8

With outlet port single use fitting block
With inlet port female thread block Note6
-F5B

Outlet port fitting
F10: φ4
F15: φ6

With outlet port single use fitting block
With inlet port female thread block Note6
-F6B

Outlet port fitting
F10: φ6
F15: φ8

With outlet port single use fitting block
With inlet port female thread block Note6
-F5C

Outlet port fitting
F10: φ4
F15: φ6

With outlet port single use fitting block
With inlet port female thread block Note6
-F6C

Outlet port fitting
F10: φ6
F15: φ8

With outlet port single use fitting block
With inlet port female thread block Note6
-F5D

Outlet port fitting
F10: φ4
F15: φ6

With outlet port single use fitting block
With inlet port female thread block Note6
-F6D

Outlet port fitting
F10: φ6
F15: φ8

Valve specification

T0 : 2-position, for single solenoid only
T1 : 2-position single solenoid specification (for both single and double solenoid use)
T2 : 2-position double solenoid specification (for both single and double solenoid use)
T3 : 3-position closed center
T4 : 3-position exhaust center Note3
T5 : 3-position pressure center Note3
TA : Tandem 3-port (NO and NO) Note4
TB : Tandem 3-port (NO and NO) Note4
TC : Tandem 3-port (NC and NO) Note4

Operation type

Blank
Internal pilot type

G
External pilot type Note (for positive pressure)

V
External pilot type Note (for vacuum)
※ This is a vacuum valve.

Note: When using as a single unit, select **-A2** (A type with sub-base) for the valve outlet type. Without a sub-base, piping for the external pilot is not possible.

Manual override

Manual override button
Blank

No protrusion with DIN connector
Manual override lever Note1
-R

Protruding locking type Note2
-83

Wiring specification

L type plug connector Without connector
Blank

S type plug connector Without connector
-PN

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

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

S type plug connector Lead wire 3000 mm [118 in.]
-PS3

L type plug connector Lead wire 3000 mm [118 in.]
-PL3

DIN connector type with indicator Note10
-39L

DIN connector type without connector Note10
-39N

Valve size

Valve specification

Operation type

IP specification

Manual override

Valve outlet type

UL standard compliant

Wiring specification

Voltage

Valve size	Valve specification	Operation type	IP specification	Manual override	Valve outlet type	UL standard compliant	Wiring specification	Voltage
F10	T0 T1	Blank	Blank	Blank	Blank Note2 -A1 Note2 -A2 Note12 -A2H Note12 -FJ Note2,3 -F4 Note4 -F4H Note4 -F5 Note4 -F5A Note4 -F6 Note4 -F6A Note4	Blank UR/UL standard compliant	Blank -PN -PS -PL -PS3 -PL3 -39L -39N	DC24V DC12V Note7 AC100V Note8,11 AC120V Note8 AC240V Note8,9
F10L	T3	Blank	Blank	Blank	-FJ5 Note12 -F5 Note12 -F5A Note12 -F6 Note12 -F6A Note12	Blank UR/UL standard compliant	Blank -PN -PS -PL -PS3 -PL3 -39L -39N	DC24V DC12V Note7 AC100V Note8,11 AC120V Note8 AC240V Note8,9
F15	T4 Note3 T5 Note3	G	-P Note12 Note13	-R Note1	-FJ Note2,3 -F4 Note4 -F4H Note4 -F5 Note4 -F5A Note4 -F6 Note4 -F6A Note4	Blank UR/UL standard compliant	Blank -PN -PS -PL -PS3 -PL3 -39L -39N	DC24V DC12V Note7 AC100V Note8,11 AC120V Note8 AC240V Note8,9
F15L	TA Note4 TB Note4 TC Note4	V		-83 Note12	-FJ5 Note12 -F5 Note12 -F5A Note12 -F6 Note12 -F6A Note12	Blank UR/UL standard compliant	Blank -PN -PS -PL -PS3 -PL3 -39L -39N	DC24V DC12V Note7 AC100V Note8,11 AC120V Note8 AC240V Note8,9

Notes: 1. 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□**.

2. Two manifold mounting screws are included.

3. Not available in the vacuum valves.

4. Not available in external pilot type and vacuum valves.

5. Only for valve specification **T0**, **T1**, and **T2**.

6. Thread size for the inlet port female thread block is **F10**: M5 × 0.8, **F15**: Rc1.8.

7. Not available in low-current type.

8. Not available in low-current type and tandem 3-port valves.

9. Only for wiring specification **-39□**.

10. 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**.

11. Not available with DIN connectors.

12. Not available in UR.

13. IP65 compliant protective construction to protect against intrusion of dust and water from outside.

Remark: Negative common specifications are also available as made to order products (add **-129W** to the end of order code). For details, consult us.