

# F18 Series Single Valve Unit Order Codes

**Valve size**

**F18**  
18 mm [0.709 in.] width

**Manual override**

Manual override button  
**Blank**  
No protrusion with DIN connector

Manual override lever<sup>Note1</sup>  
**-R**

Protruding locking type<sup>Note5</sup>  
**-83**

**Valve outlet type**

Without inlet/outlet block  
**Blank**

With A type outlet plate  
**-A1**

With A type sub-base  
**-A2**

Inlet/outlet port Rc1/4  
**-A2H**

With A type sub-base  
**-A2H**

Inlet/outlet port NPT 1/4  
**-A2H**

With outlet port dual use fitting block  
**-FJ**  
Outlet port fitting  $\phi 8, \phi 10$

With outlet port single use fitting block  
**-FJ5**  
Outlet port fitting  $\phi 8$

With outlet port single use fitting block  
**-FJ6**  
Outlet port fitting  $\phi 10$

With outlet port female thread block  
**-FM**  
Outlet port Rc1/4

With outlet port female thread block  
**-FMH**  
Outlet port NPT 1/4

With outlet port dual use fitting block  
With inlet port female thread block  
**-F3**  
Inlet port Rc1/4  
Outlet port fitting  $\phi 8, \phi 10$

With outlet port female thread block  
With inlet port female thread block  
**-F4**  
Inlet port Rc1/4  
Outlet port Rc1/4

With outlet port female thread block  
With inlet port female thread block  
**-F4H**  
Inlet port NPT 1/4  
Outlet port NPT 1/4

With outlet port single use fitting block  
With inlet port female thread block  
**-F5**  
Inlet port Rc1/4  
Outlet port fitting  $\phi 8$

With outlet port single use fitting block  
With inlet port female thread block  
**-F6**  
Inlet port Rc1/4  
Outlet port fitting  $\phi 10$

**Wiring specification**

L type plug connector  
Without connector  
**Blank**

S type plug connector  
Without connector  
**-PN**

S type plug connector  
Lead wire 300 mm<sup>\*</sup>  
**-PS**

L type plug connector  
Lead wire 300 mm<sup>\*</sup>  
**-PL**

S type plug connector  
Lead wire 3000 mm<sup>\*</sup>  
**-PS3**

L type plug connector  
Lead wire 3000 mm<sup>\*</sup>  
**-PL3**

DIN connector type  
with indicator<sup>Note8</sup>  
**-39L**

DIN connector type  
without connector<sup>Note6</sup>  
**-39N**

\* 300 mm = 11.8 in.  
3000 mm = 118 in.

**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<sup>Note4</sup>  
**T5**: 3-position pressure center<sup>Note4</sup>

**Operation type**

**Blank**  
Internal pilot type

**G**  
External pilot type<sup>Note</sup> (for positive pressure)

**V**  
External pilot type<sup>Note</sup> (for vacuum)<sup>\*</sup>  
\* 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.

Valve size	Valve specification	Operation type	Manual override	Valve outlet type	Wiring specification	Voltage	
<b>F18</b>	<b>T0</b> <b>T1</b> <b>T2</b> <b>T3</b> <b>T4</b> <sup>Note4</sup> <b>T5</b> <sup>Note4</sup>	<b>Blank</b> <b>G</b> <b>V</b>	<b>Blank</b> <b>-R</b> <sup>Note1</sup> <b>-83</b> <sup>Note5</sup>	<b>Blank</b> <sup>Note2</sup> <b>-A1</b> <sup>Note2</sup> <b>-A2</b> <b>-A2H</b> <b>-FJ</b> <sup>Note2, 4</sup> <b>-FJ5</b> <sup>Note2, 4</sup> <b>-FJ6</b> <sup>Note2, 4</sup>	<b>-FM</b> <sup>Note2, 4</sup> <b>-FMH</b> <sup>Note2, 4</sup> <b>-F3</b> <sup>Note3</sup> <b>-F4</b> <sup>Note3</sup> <b>-F4H</b> <sup>Note3</sup> <b>-F5</b> <sup>Note3</sup> <b>-F6</b> <sup>Note3</sup>	<b>Blank</b> <b>-PN</b> <b>-PS</b> <b>-PL</b> <b>-PS3</b> <b>-PL3</b> <b>-39L</b> <sup>Note6</sup> <b>-39N</b> <sup>Note6</sup>	<b>DC24V</b> <b>DC12V</b> <b>AC100V</b> <sup>Note7</sup> <b>AC120V</b> <b>AC240V</b> <sup>Note5</sup>

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 **-39L**.  
 2. Two manifold mounting screws are included.  
 3. "With inlet port female thread block" is compatible with the internal pilot type valve only.  
 4. Not available in the vacuum valves.  
 5. Only for wiring specification **-39L**.  
 6. Not available for valve specification **T1**. In addition, the valve is used only as a double solenoid for **T2**.  
 7. Not available with DIN connectors.  
 Remark: Negative common specifications are also available as made to order products (add **-129W** to the end of order code). For details, consult us.