



1 Pilot Valve: SF4

Symbol
-X1

Power consumption: 1.8 W

SGC **2** **2** **1** **A** - **05** **G** **10** **□** - **1** **T** **Z** **□** - **B1** - **A** **L** **S** - **X1**

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮

⑦ Pilot valve

Nil	SF4
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⑧ Rated voltage

1	100 VAC 50/60 Hz
2	200 VAC 50/60 Hz
3	110 VAC 50/60 Hz
4	220 VAC 50/60 Hz
5	24 VDC
6	12 VDC
7	240 VAC 50/60 Hz
9	Others

⑪ Manual override

Nil	Push type
B	Slotted locking type

Pilot valve: SF4

Equivalent to the standard models except for ⑦, ⑧, ⑨, ⑩, ⑪. See pages 580 and 581.

Refer to Table (1) below for details on ⑨ Electrical entry and ⑩ Light/surge voltage suppressor combinations.

Pilot Solenoid Valve Specifications

Pilot solenoid valve		SF4-□□□-50-X240	
Electrical entry		Conduit terminal, DIN terminal, M12 connector	
Coil rated voltage [V]	DC	24 V, Other (Option)	
	AC (50/60 Hz)	100 V, 200 V, Other (Option)	
Allowable voltage fluctuation		-15 to 10% of rated voltage	
Power consumption [W]	DC	1.8 W (With indicator light: 2 W)	
Apparent power [VA]	AC	Inrush	5.6 VA (50 Hz) 5.0 VA (60 Hz)
		Holding	3.4 VA (50 Hz) 2.3 VA (60 Hz)
Light/surge voltage suppressor	DC	ZNR (Varistor), LED (Neon bulb for 100 V or more)	
	AC	ZNR (Varistor), Neon bulb (LED for less than 100 V)	

How to Order Pilot Valve

SF4 - **5** **T** **Z** **□** - 50 - X240

① ② ③ ④

① Rated voltage

1	100 VAC 50/60 Hz
2	200 VAC 50/60 Hz
3	110 VAC 50/60 Hz
4	220 VAC 50/60 Hz
5	24 VDC
6	12 VDC
7	240 VAC 50/60 Hz
9	Others

② Electrical entry

T	Conduit terminal
D	DIN terminal (with connector)
DO	DIN terminal (without connector)
W	M12 connector (4-pin type)
V	M12 connector (5-pin type) <small>Note2)</small>

Note1) Refer to the table (1) below for combinations with light/surge voltage suppressors.

Note2) Only DC voltage is available.

③ Light/surge voltage suppressor

Nil	None
S	With surge voltage suppressor
Z	With light/surge voltage suppressor

④ Manual override

Nil	Push type
B	Slotted locking type

* Refer to Table (1) below for combinations with electrical entry.

Table (1) Electrical Entry/Light/Surge Voltage Suppressor

Rated voltage	Electrical entry	Without light/surge voltage suppressor	With surge voltage suppressor	With light/surge voltage suppressor
		Nil	S	Z
AC	T	—	—	●
	D	—	●	●
	DO			
DC	T	●	—	●
	D	●	●	●
	W, V	●	—	—
	DO			

VNA

VNB

SGC

SGH

VNC

VNH

VND

VCC

TQ