Coolant Valve

Series SGC

For 0.5 MPa/1.0 MPa/1.6 MPa

Flow rate Av factor (in case of 0.5 MPa specification) SGC2: 155 SGC3: 284 SGC4: 440 Service life: 5 million cycles or more

With auto switches for verifying

whether the valve is open/closed Reduction of environmentally harmful chemical

substances, Compliant with

Power consumption: 0.3



VNA

VNB SGC

VNC

VND

VNH

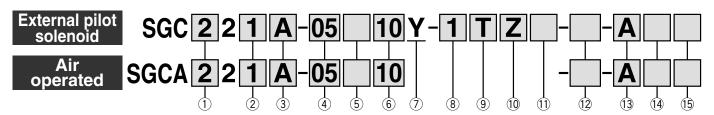
VCC

Coolant Valve

Series SGC

How to Order





1 Spripe

· Octrica		
2	SGC200	
3	SGC300	
4	SGC400	
•	00.0.00	

<u> </u>		
1	Normally closed	
2	Normally open	

O C C C C C C C C C C			
Α	NBR		
В	FKM		

3 Seal material 4 Pressure range

	Pressure range 0 to 0.5 MPa
10	Pressure range 0 to 1 MPa
	Pressure range 0 to 1.6 MPa

(5) Thread type

⊚ rincaa type			
Nil Rc			
G	G (ISO1179-1)		
N	NPT		
Т	NPTF		

(6) Port size

<u></u>			
	10	3/8	000000
	15	1/2	SGC200
	20	3/4	SGC300
	25	1	SGC400

7 Pilot valve

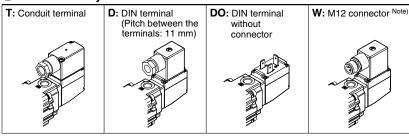
Y V116

8 Rated voltage

1	100 VAC 50/60 Hz
2	200 VAC 50/60 Hz
3	110 VAC [115 VAC] 50/60 Hz
4	220 VAC [230 VAC] 550/60 Hz
5	24 VDC
6	12 VDC

Note) Refer to the back of page 394 when using with energization for long periods of time.

9 Electrical entry



Note 1) Cable is not included. Order it separately after referring to the options on page 379. Note 2) Refer to the table (1) below for combinations with light/surge voltage suppressors.

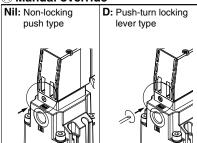
10 Light / surge voltage suppressor

опррі ососі.		
Nil None		
s	With surge voltage suppressor	
z	With light / surge voltage suppressor	

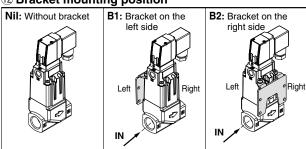
Note) Refer to Table (1) below for combinations with electrical entry.

- * DOS, DOZ are not available.
- * For AC specifications, NIL is only set for Electrical entry DO.

11 Manual override



12 Bracket mounting position



Note) Bracket cannot be attached later.

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

ranio (i) modification y, mg i do angle i diago dappi doddi.				
Voltage	Electrical	Without light/surge voltage suppressor	With surge voltage suppressor	With light/surge voltage supressor
vollage	entry	Nil	S	Z
	Т			
AC	D	_	•	•
AC	W			
	DO	Note)	_	_
	Т			
DC	D	•	•	•
	W			
	DΩ		_	<u>_</u>

Note) If a AC specification without DIN Terminal (DO) is selected, always use a DIN connector with surge voltage suppressor as the connector.