

和文は裏面をご覧ください。

# QUICK REFERENCE [Applicable model: SGP, SGPW, SGPL]

No.SGP12JE1 2018.10

## Model Name

SGP □ - □ □ □ - □ □

- Option
  - 0: No option needed, 1: Multi-rotation trimmer
  - 2: Moisture-proof treatment
  - 3: Multi-rotation trimmer+Moisture-proof treatment
- Power supply
  - 0: 100 to 240 V AC, 1: 24 V AC/DC\*2
- Output 2<sup>1</sup>
- Output 2<sup>2</sup>, Output 1<sup>1</sup>
- Input
- Series name
  - SGP: 1-output, SGPW: 2-outputs
  - SGPL: 1-output + Serial communication

\*1 SGPW only  
\*2 SGP, SGPL only

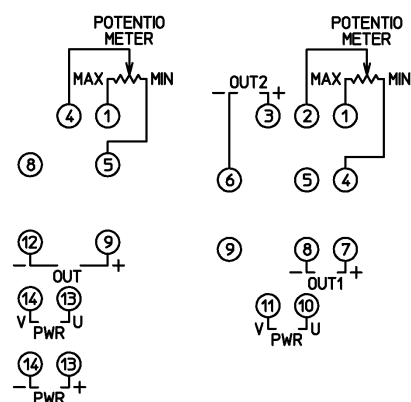
(For detailed input/output spec, refer to the full Instruction Manual.)

## Terminal Arrangement

SGP, SGPL

SGPW

SGPL only



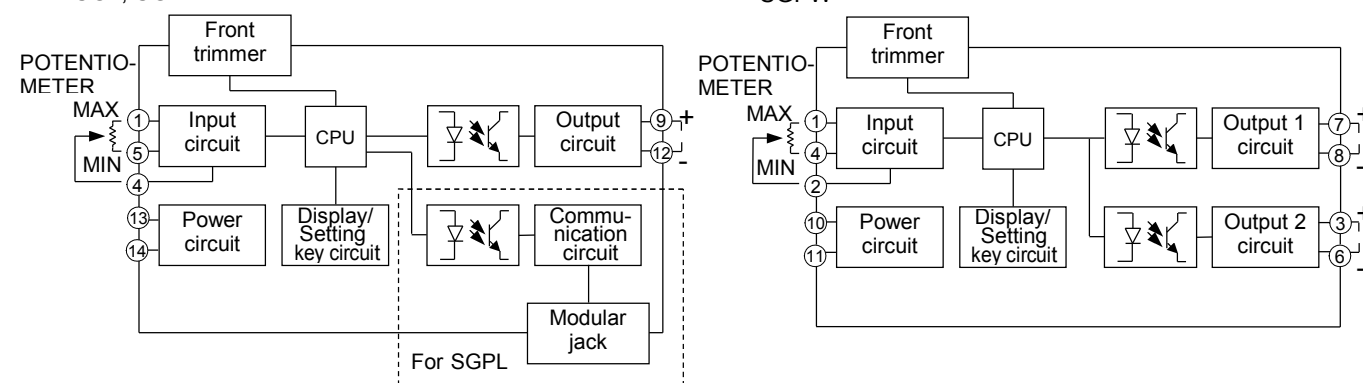
RS-485 serial communication  
Modular jack pin arrangement

No. 1	No. 1 COM
No. 6	No. 2 NC
No. 1	No. 3 YB(+)
No. 6	No. 4 YA(-)
	No. 5 NC
	No. 6 COM

## Circuit Configuration

SGP, SGPL

SGPW



## Characters

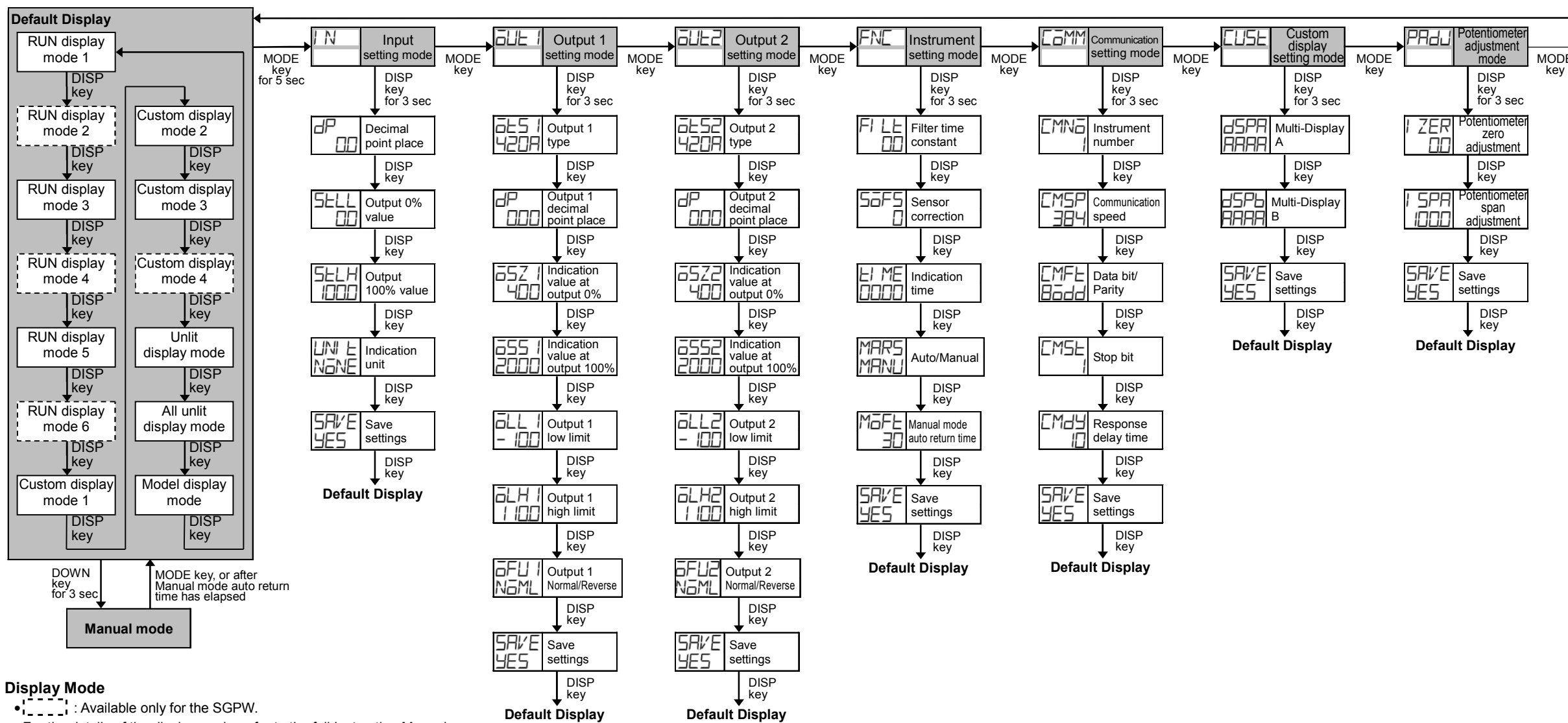
Indication	A	b	C	d	E	F	G	H	I	J	K	L	M	N	o	P	Q	R	S	T	U	V	W	X	Y	Z	-1	0	1	2	3	4	5	6	7	8	9	°C	°F
Alphanumeric, °C/°F	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	-1	0	1	2	3	4	5	6	7	8	9	°C	°F

## Selection Item List

Decimal point place	□	No decimal point	Output 1,2 decimal point place	□	No decimal point
□□	1 digit after point	□□	□□	1 digit after point	
□□□	2 digits after point	□□□	□□□	2 digits after point	
□□□□	3 digits after point	□□□□	□□□□	3 digits after point	
Indication unit	None	No unit	Output 1,2 Normal/Reverse	Normal	Normal
PER	%	REV	Reverse		
MA	mA	Auto	Auto/Manual		
V <sub>ALL</sub>	V	Auto	Auto		
CELS	°C	MANU	Manual		
Save settings	Communication speed				
YES	Save	96	9600 bps		
No	Not save	192	19200 bps		
Output 1, Output 2 type	384	38400 bps			
420A	4 to 20 mA	Data bit/Parity			
020A	0 to 20 mA	8N <sub>8N</sub>	8 bits/No parity		
016A	0 to 16 mA	8E <sub>8E</sub>	8 bits/Even		
210A	2 to 10 mA	8O <sub>8O</sub>	8 bits/Odd		
010A	0 to 10 mA	Stop bit			
01mV	0 to 10 mV	1	1 bit		
01V	0 to 1 V	2	2 bits		
05V	0 to 5 V				
15V	1 to 5 V				
010V	0 to 10 V				
-55V	-5 to 5 V*1				

※1 Not available for the SGPW.

## Key Operation Flowchart



### Display Mode

- Available only for the SGPW.
- For the details of the display mode, refer to the full Instruction Manual.

### Default Display

- If the MODE and DISP keys (in that order) are pressed together for approx. 3 seconds in any display mode, the display mode will become the Default Display.
- Once the Default Display is set, the DISP key will be in lock status.
- If the DISP key is pressed for approx. 3 seconds, the key lock status will be cancelled.
- If the DISP key is pressed while the DISP key is in lock status, Multi-Display A will indicate LOCK.

### Setting Mode

- Output 2 setting mode is available only for the SGPW.
- Communication setting mode is available only for the SGPL.
- If the MODE key is pressed for approx. 5 seconds in each setting mode, the unit will move to the Default Display.