

和文は裏面をご覧ください。

QUICK REFERENCE [Applicable model: SGR, SGRW, SGRL]

No.SGR12JE1 2018.10

Model Name

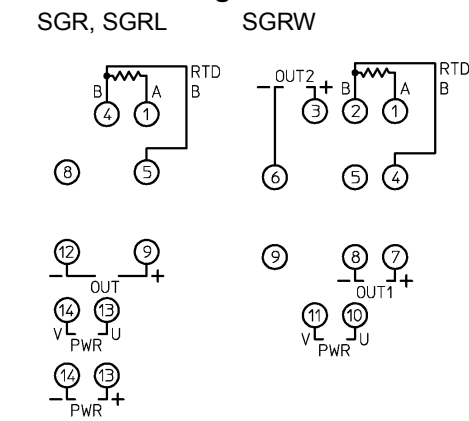
SGR □ - □ □ □ - □ - □

- 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 2¹
- Output 2², Output 1¹
- Input
- Series name
- SGR: 1-output, SGRW: 2-outputs
- SGRL: 1-output + Serial communication

*1: SGRW only
*2: SGR, SGRL only

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

Terminal Arrangement

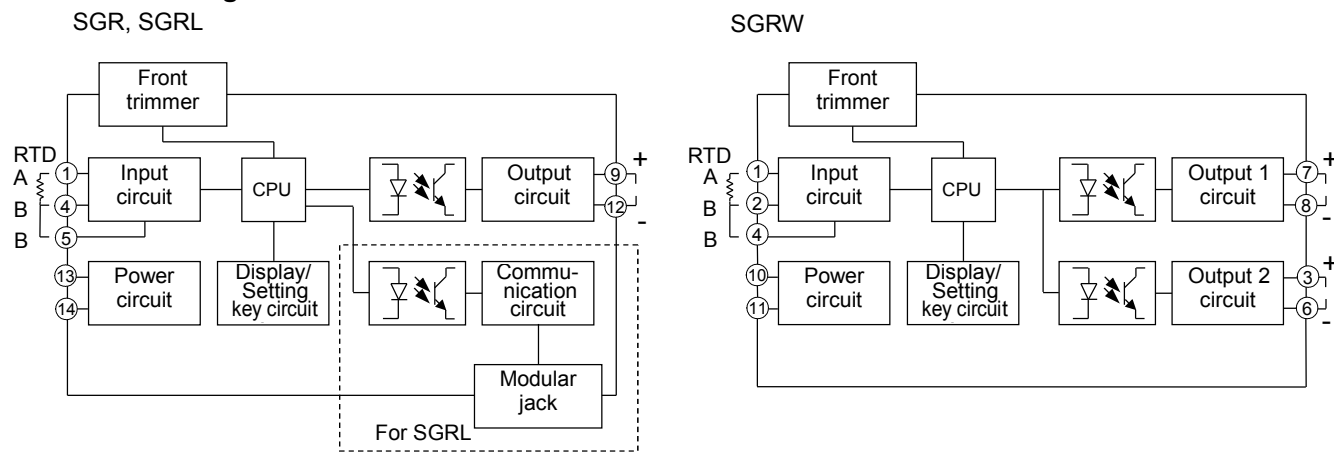


SGRL only

RS-485 serial communication
Modular jack pin arrangement

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

Circuit Configuration



Characters

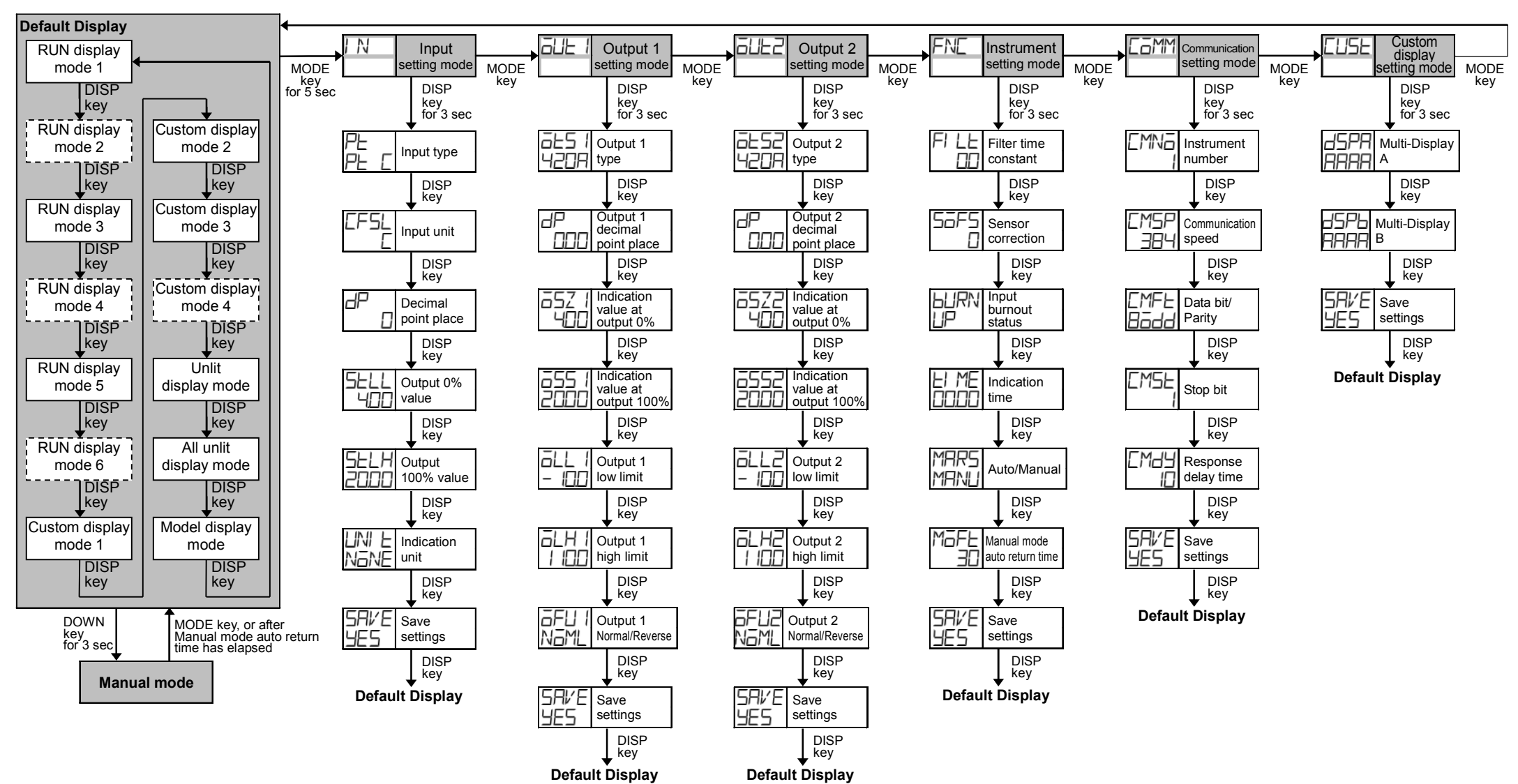
Indication	4	0	1	2	3	4	5	6	7	8	9	C	F
Number, °C/°F	-1	0	1	2	3	4	5	6	7	8	9	°C	°F
Indication	A	B	C	D	E	F	G	H	I	J	K	L	M
Alphabet	A	B	C	D	E	F	G	H	I	J	K	L	M
Indication	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
Alphabet	N	O	P	Q	R	S	T	U	V	W	X	Y	Z

Selection Item List

Input type	Output 1,2 decimal point place
Pt100 -200 to 650 °C	□ No decimal point □□ 1 digit after point
Pt100 -100 to 100 °C	□□□□ 2 digits after point □□□□□ 3 digits after point
JPt100 -200 to 500 °C	Output 1,2 Normal/Reverse
JPt100 -100 to 100 °C	Normal Reverse
Input unit	Input burnout status
°C	UP Overscale
°F	DOWN Underscale
	Auto/Manual
Decimal point place	Communication speed
□ No decimal point	MANU Manual
□□ 1 digit after point	96 9600 bps
Indication unit	192 19200 bps
NONE No unit	384 38400 bps
PER %	MA Data bit/Parity
MA mA	VOLT V 8bits/No parity
VOLT V	CELS °C 8bits/Even
CELS °C	Save settings 8bits/Odd
Save settings	YES Save
YES Save	NO Not save
NO Not save	Output 1, Output 2 type
Output 1, Output 2 type	4 4 to 20 mA
4 4 to 20 mA	0 0 to 20 mA
0 0 to 20 mA	0 0 to 16 mA
0 0 to 16 mA	2 2 to 10 mA
2 2 to 10 mA	0 0 to 10 mA
0 0 to 10 mA	0 0 to 10 mV
0 0 to 10 mV	0 0 to 100 mV
0 0 to 100 mV	0 0 to 1 V
0 0 to 1 V	0 0 to 5 V
0 0 to 5 V	1 1 to 5 V
1 1 to 5 V	0 0 to 10 V
0 0 to 10 V	-5 -5 to 5 V*1
-5 -5 to 5 V*1	

*1 Not available for the SGRW.

Key Operation Flowchart



Display Mode

- Available only for the SGRW.
- 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 SGRW.
- Communication setting mode is available only for the SGRL.
- If the MODE key is pressed for approx. 5 seconds in each setting mode, the unit will move to the Default Display.