

FEATURES

IC 5600

- 6channel Multi individually setting signal input
- Multi-range input (T/C, RTD, Volt, mA, PtCo)
- Display & Output scaling (mV, V, mA)
- RS-485 Communication interface
- 1 points alarm & Dead band set
- Sensor compensation function



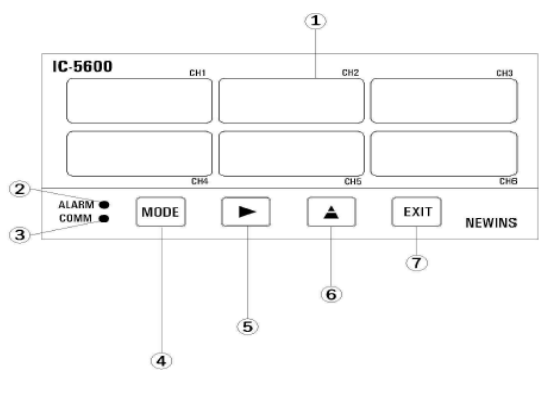
SPECIFICATIONS

▷ Measuring and display cycle	: Min. 500ms	▷ Ambient temperature & Humidity	
display cycle	: Max. 6sec	Operation	: -10~50℃, 10~90%
▷ Input resistance	: Volt-400k Ω	Storage	: -20~70℃, 5~95%
	mA - 250 Ω	▷ Power supply	
▷ Signal source resistance	: Pt 100 Ω type-30 Ω /line	Voltage	: AC 85~265V(45/65Hz)
	Others type-300 Ω /line		DC 24V(Optional)
▷ CMRR(Common Mode Rejection Ratio)	: 140dB or more	Power consumption	: Max 4VA
▷ NMRR(Normal Mode Rejection Ratio)	: 50dB or more	Isolation resistance	: 100M Ω 500VD
▷ Moving average filter	: Av4~32		Power-Input, Input-Output
▷ Accuracy	: $\pm 0.2\%$ FS	▷ Communication Interface	
▷ Alarm(Optional)		Type	: RS-485(Modbus)
Contact output type	: Normal open	Speed	: 4800, 9600, 19200, 38400,
Nominal switching capacity	: DC 30V 5A, AC 250V 5A		57600bps
Max switching power	: 90W 750VA	ID(address) setting	: 1~99
Max switching voltage	: DC 110V, AC	▷ Etc	
Max switching current	250V : 5A	Weight	: 250g
		Mounting	: Panel mount
		Dimension	: 99(W) X 51(H) X 112(D)mm

6 CH 디지털 지시 경보계

6CH INPUT DIGITAL INDICATORS WITH ALARM

PARTS NAME



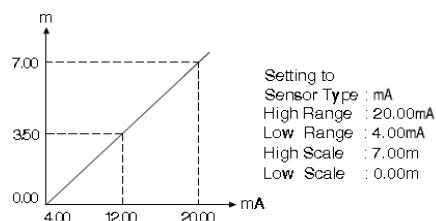
- ① Measured value display
- ② Alarm status
- ③ Communication status
- ④  Key : Storage the set data and change the operation menu
- ⑤  Key : Enter into the data setting mode and modify the changed location
- ⑥  Key : Change the data value
- ⑦  Key : Out of mode

MAJOR FUNCTIONS

► Display scaling function(mV, Volt, mA only)

This function changes and sets the display value according to scale and input range.

Ex) In case of input range 4.00~20.00mA and Level 0.00~7.00m

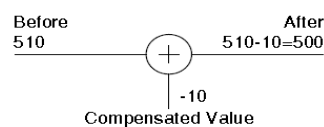


- **Sensor compensation function**

The function is useful for compensating error by long sensor line or changed zero point by aged sensor.

Ex) Before sensor adjust = 510°C

After sensor adjust

$$= 510 - 10 = 500^{\circ}\text{C}$$


INPUT TYPE

Sensor Type		Range	Scale	Symbol
TC	B(PR)	0~1300℃	-	t_C-b
	R(PR)	0~1750℃	-	t_C-r
	S(PR)	0~1750℃	-	t_C-s
	K(CA)	-200~1350℃	-	t_C-k
	E(CRC)	-199.9~700.0℃	-	t_C-e
	J(IC)	-199.9~800.0℃	-	t_C-j
	T(CC)	-199.9~400.0℃	-	t_C-t
Volt	mV	-50.0~50.0mV	-1999~9999	$\tilde{u}_u$
	Volt	-1.000~1.000V	-1999~9999	u_u
	Volt	-10.0~10.0V	-1999~9999	$\#u_u$
mA	mA	4.00~20.00mA	-1999~9999	$\tilde{a}_a$
PT	Pt100Ω	-199.9~800.0℃	-	$d-pt$
	JPt100Ω	-199.9~500.0℃	-	$j-pt$
	PtCo100	0.0~300.0K	-	$pt-t_a$

6 CH 디지털 지시 경보계

6CH INPUT DIGITAL INDICATORS WITH ALARM

▷ Alarm function

You can set alarms for one or all channels.

(example)

Alarm settings value: 500.0

Alarm Channel: CH-1

Alarm Type: High

Alarm Dead band: 0.5

The upper limit alarm is ON when the measured value

(PV) of CH-1 is 500.0 or higher

If it is less than 499.5, it is turned off.

(example)

Alarm settings value: 100.0

Alarm Channel: ALL

Alarm Type: Low

Alarm Dead band: 0.5

The lower limit alarm is ON when the measured value

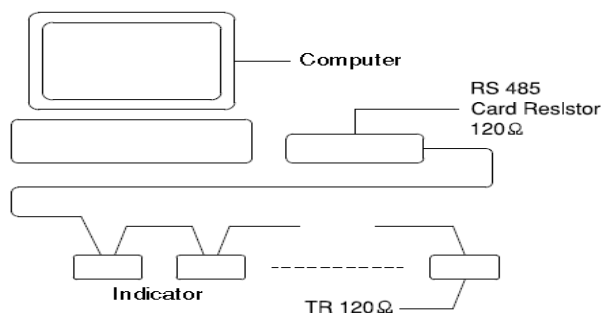
(PV) of all channels (excluding SKIP channels) is below

100.0

If it is over 100.5, it is turned off.

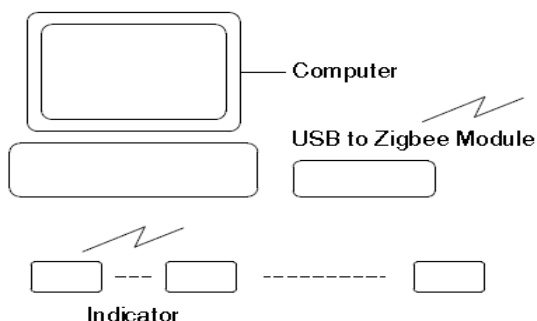
▷ Communication interface (RS485 Modbus)

It is possible to communicate with computer and to monitor remote by using RS-485 communication interface.



▷ RF Wireless Communication Module(Optional)

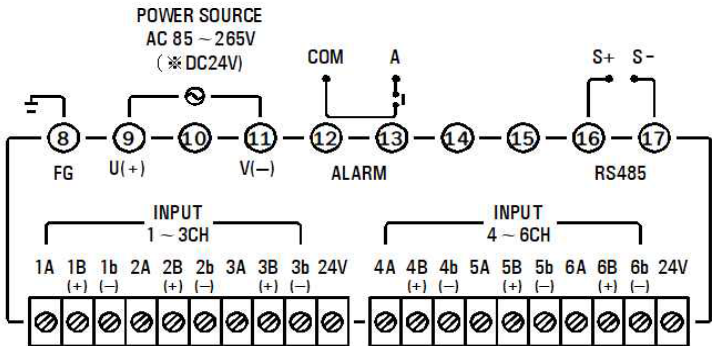
- IEEE 802.15.4
- USB to Wifi Module
- SPEED : 38400 bps
- ID : 01~99
- Length : 0~30M



ORDERING CODE

IC 560			Description
Power	0		AC 85~265V (45~65Hz)
	1		DC 24V

TERMINAL DIAGRAM



* Power DC24V is Optional.

DIMENSION & PANEL CUT

