

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
display cycle	: Max. 6sec
▷ Input resistance	: Volt-400k Ω mA - 250 Ω
▷ Signal source resistance	: Pt 100 Ω type-30 Ω /line Others type-300 Ω /line
▷ CMRR(Common Mode Rejection Ratio)	: 140dB or more
▷ NMRR(Normal Mode Rejection Ratio)	: 50dB or more
▷ Moving average filter	: Av4~32
▷ Accuracy	: $\pm 0.2\%$ FS
▷ Alarm(Option)	
Contact output type	: Normal open
Nominal switching capacity	: DC 30V 5A, AC 250V 5A
Max switching power	: 90W 750VA
Max switching voltage	: DC 110V, AC 250V
Max switching current	: 5A

▷ Ambient temperature & Humidity

Operation : -10~50 $^{\circ}$ C, 10~90%Storage : -20~70 $^{\circ}$ C, 5~95%

▷ Power supply

Voltage : AC 85~265V(45/65Hz)

DC 24V(Option)

Power consumption : Max 4VA

Isolation resistance : 100M Ω 500VD

Power-Input, Input-Output

▷ Communication interface

Type : RS-485(Modbus)

Speed : 4800, 9600, 19200, 38400,
57600bps

ID(address) setting : 1~99

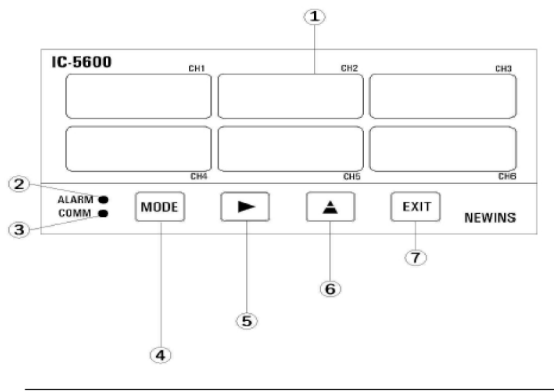
▷ Etc

Weight : 250g

Mounting : Panel mount

Dimension : 99(W) X 51(H) X 112(D)mm

PARTS NAME



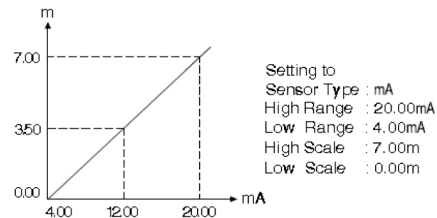
- ① Measured value display
- ② Alarm status
- ③ Communication status
- ④ **MODE** Key : Storage the set data and change the operation menu
- ⑤ **⇒** Key : Enter into the data setting mode and modify the changed location
- ⑥ **↑** Key : Change the data value
- ⑦ **EXIT** Key : Out of mode

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

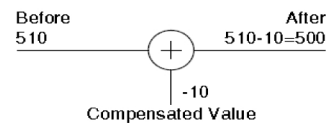
The function is useful for compensating error by long sensor line or changed zero point by aged sensor.

Ex) Before sensor adjust = 510℃

After sensor adjust

= measured value + compensated value

= 510 - 10 = 500℃



INPUT TYPE

Sensor Type		Range	Scale	Simbol
TC	B(PR)	0~1800℃	-	ℓℓ-b
	R(PR)	0~1750℃	-	ℓℓ-r
	S(PR)	0~1750℃	-	ℓℓ-5
	K(CA)	-200~1350℃	-	ℓℓ-ℓ
	E(CRC)	-199.9~700.0℃	-	ℓℓ-ℓ
	J(IC)	-199.9~800.0℃	-	ℓℓ-j
	T(CC)	-199.9~400.0℃	-	ℓℓ-ℓ
Volt	mV	-50.0~50.0mV	-1999~9999	ℓℓ
	Volt	-1.000~1.000V	-1999~9999	ℓℓ
	Volt	-10.0~10.0V	-1999~9999	ℓℓℓ
mA	mA	4.00~20.00mA	-1999~9999	ℓℓℓ
PT	Pt100Ω	-199.9~800.0℃	-	d-Pℓ
	JPt100Ω	-199.9~500.0℃	-	j-Pℓ
	PtCo100	0.0~300.0K	-	Pℓℓℓ

6CH 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

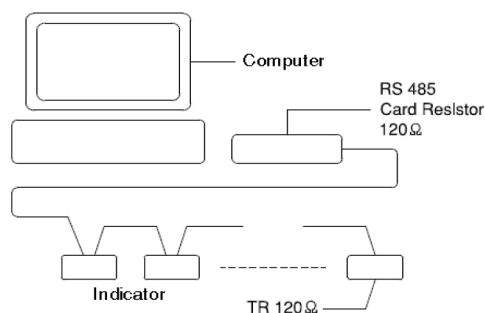
(PV) of all channels (excluding SKIP channels) is below

100.0

If it is over 100.5, it is turned off.

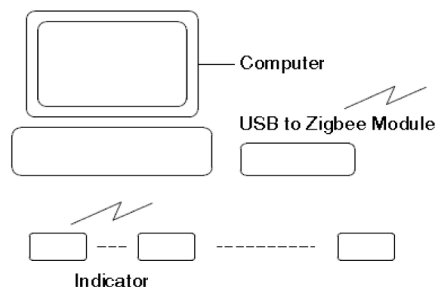
▷ Communication interface (RS485 Modbus)

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



▷ RF Wireless Communication Module (Option)

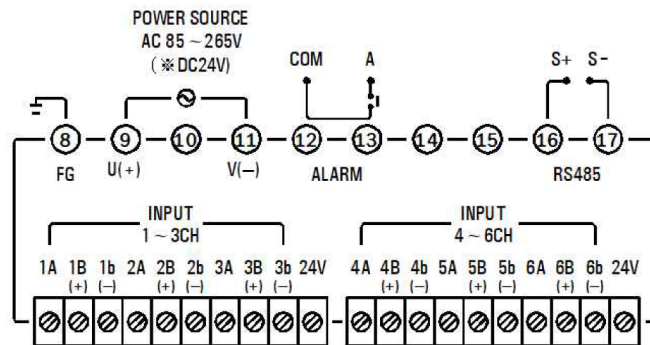
- IEEE 802.15.4
- USB to Wifi Module
- SPEED : 38400 bps
- ID : 01~99
- Length : 0~30M



ORDERING CODE

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

TERMINAL DIAGRAM



DIMENSION & PANEL CUT

