



Order information

SCONI - 2400 - -

Input signal

D Group	Voltage Pulse
	Dry Contact
	Open Collector

Output signal (1)

1	DC 0 ~ 5V
2	DC 0 ~ 10V
3	DC 1 ~ 5V
4	DC 0 ~ 20mA
5	DC 4 ~ 20mA
6	DC 1~5mA
R	Other

Output signal (2)

1	DC 0 ~ 5V
2	DC 0 ~ 10V
3	DC 1 ~ 5V
4	DC 0 ~ 20mA
5	DC 4 ~ 20mA
6	DC 1 ~ 5mA
7	1 Alarm
8	Open Collector
R	Other
N	Not used

Power supply

X	AC 110V/220V
Y	DC 24V

Features

- It can be accepts various input signal such as voltage pulse, dry contact and open collector.
- It has quick response time in spite of long period pulse signal by adoption of special algorithm.
- It has peak hold function which can be use of various purposes.
- It can be install alarm output and can be set up upper limit, lower limit and dead band..
- It can be install isolated current, voltage output and can be scale output.

Input specification

- Low input level voltage : Less than 0.7V DC
- High input level voltage : More than 1.5V DC
- Max input high voltage : 30V DC
- Input Resistance : 150kΩ
- Range of frequency

Type	Input freq range	Minimum Set up range
Range 1	0 ~ 1 Hz	0.1 Hz
Range 2	0 ~10 Hz	1 Hz
Range 3	0 ~ 100 Hz	10 Hz
Range 4	0 ~1000 Hz	100 Hz
Range 5	0 ~ 10 KHz	1000 Hz
Range 6	0 ~ 40 KHz	10 KHz

■ General specification

Item	Specification
Input Resistance	Volt Type : 400kΩ,
	Other type : 1MΩ
Sensor Power	DC 12V/30mA ± 0.5%
Filter selection	None, Average4, Average8, Average16
Response Time	Minimum 1s
Tolerance	0.2% of Span at 23
Linearity	0.1% of Span
Relay Contact	AC 125V(0.6A) , DC 30V(3A)
Load Resistance	4~20mA DC(0 ~ 600Ω)
	0~10V DC(1kΩ or more)
Isolation	Input/Output , More than 100MΩ(DC 500V)
Dielectric Strength	Input/Output/Power AC 1500V/ min
Power Supply	AC 110/220V ±10%(50/60Hz) 4VA
	DC 24V ±10%, Less than 100mA
Operating Temperature	-10 ~ 60
Operating Humidity	10 ~ 90%
Weight	Approx 500gr(AC), 300gr(DC)
Material/Color	ABS Resin / Black
Dimension	W 48 x H 80 x D 102 (mm)
Mounting	Wall or DIN Rail

■ Main functions

● Display scaling function

This function changes and set up display value(PV) as scale and input range.

● Sensor compensation function

This function is able to add or subtract compensation value when change of zero point as long time use of sensor or occurrence of error as long sensor line.

● Output scaling function

This function changes output of current and voltage as change of output scale.

● Alarm function

It is able to set up upper limit or lower limit respectively.

● Filter function

There are 4 transfer average filter.
 None : Display changing value without filter.
 AV-4 : Displays average value of the latest 4 times sample value.
 AV-8 : Displays average value of the latest 8 times sample value.
 AV-16 : Displays average value of the latest 16 times sample value.

■ Terminal connection

