

Analogue input -- Isolated Transmitter Slim-type (22.5mm wide)

BAT

FEATURES

- Accuracy: $\pm 0.1\%$ F.S. (DC / Potentiometer / Frequency / PT-100)
- Measuring DC Voltage, Current / Potentiometer / Frequency / PT-100)
- Multi-Input selection by dis-switch (DC signal only)
- Multi-Onput selection by dis-switch
- Surge test of AC 1800V / min between input / output / power
- High stability, non-flammable case (PC), high safety



ORDER INFORMATION : BAT - Code 1 - Code 2 - Code 3 - Code 4

Code 1	Input Type	Code 2	Voltage	Code 2	Current	Code 2	Potentiometer	Code 2	Frequency	Code 2	RTD (PT-100)	Code 3	Aux. Power	Code 4	Analog Output
D	DC	V1	0~50mV	A1	0~1mA	P1	100 Ω ~10K Ω	H1	0~50Hz	T1	-50~50 $^{\circ}$ C	A	AC 85~265V	1	4~20mA
P	3 Wire Potentiometer	V2	0~5V	A2	0~20mA	PO	Option	H2	0~100Hz	T2	0~50 $^{\circ}$ C	B	DC 100~330V	2	0~20mA
H	Frequency	V3	1~5V	A3	4~20mA			H3	0~200Hz	T3	0~100 $^{\circ}$ C	C	DC 20~60V	3	0~5V
T	RTD (PT-100)	V4	0~10V	AO	Option			H4	0~500Hz	T4	0~200 $^{\circ}$ C			4	0~10V
2	2 Wire Sensor	VO	Option					H5	0~1KHz	T5	0~400 $^{\circ}$ C			O	Option
								HO	Option	TO	Option				

SPECIFICATION

- ◆ Accuracy: $\pm 0.1\%$ F.S. (DC / Potentiometer / Frequency / PT-100)
- ◆ Zero Adjustment: $\leq \pm 5\%$ F.S.
- ◆ Span Adjustment: $\leq \pm 10\%$ F.S.
- ◆ Output Response Time: <400 msec (0~90%)
- ◆ Output Capability: Voltage Output: <20mA
Current Output: <10V
 $\leq 0.5\%$ F.S.
- ◆ Output Ripple: Input / Output / Power / Case
- ◆ Isolation: 100ppm / $^{\circ}$ C (0~60 $^{\circ}$ C)
- ◆ Temperature Coefficient: 0~60 $^{\circ}$ C
- ◆ Operating Temperature: 20~90% RH (non-condensing)
- ◆ Operating Humidity: -10~70 $^{\circ}$ C
- ◆ Storage Temperature: 20~90% RH (non-condensing)
- ◆ Storage Humidity: AC 85~265V; DC 100~330V; DC 20~60V
- ◆ Power Supply: 2KVac / 1min
- ◆ Surge Test: >100M Ω with 500Vdc
- ◆ Insulation Resistance: Voltage: >2V for 20K Ω / V; $\leq 2V$ for >200M Ω
- ◆ Input Impedence: Current: $\geq 0.2A$ at 100mV; <0.2A at 1V
DIN Rail 35mm (EN50022)
- ◆ Installation:

ADJUSTMENT

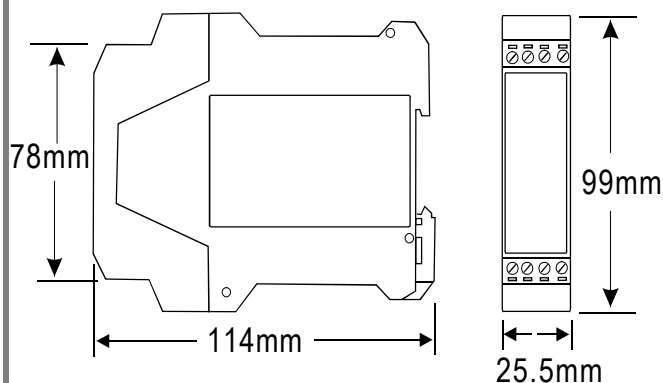
SW1: DC Input Signal Only

Input Range	1	2	3	4	5	6	7	8
0~50mV	ON						ON	ON
0~5V		ON				ON		
1~5V		ON				ON	ON	
0~10V			ON			ON		
0~1mA	ON				ON	ON		
0~20mA	ON			ON		ON		
4~20mA	ON			ON		ON	ON	

SW2: Output Signal

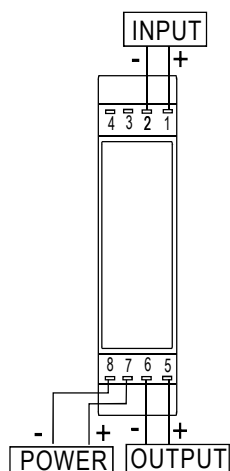
Output Range	1	2	3	4	5	6	7	8
0~5V	ON		ON		ON		ON	
1~5V	ON		ON	ON	ON		ON	ON
0~10V	ON		ON			ON		ON
0~10mA		ON					ON	
0~20mA		ON			ON	ON		ON
4~20mA		ON		ON		ON	ON	ON

DIMENSION

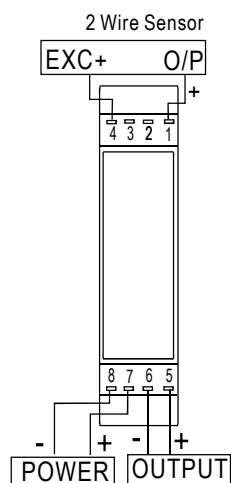


■ WIRING CONNECTION

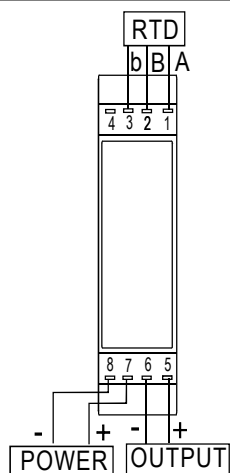
● Voltage, Current (DC)



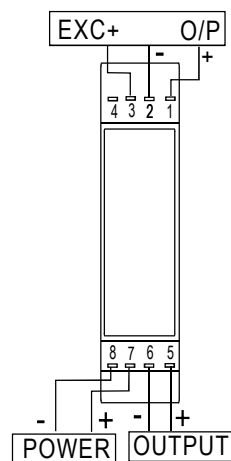
● 2 Wire Sensor



● Temperature (RTD)



● Frequency (Hz)



● 3 Wire Potentiometer

