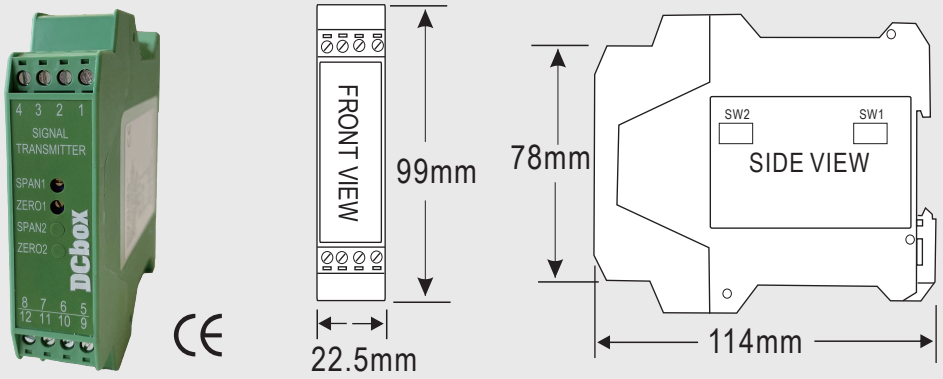
DCbox

SLIM TYPE ANALOG SIGNAL ISOLATED TRANSMITTER (22.5mm)

GAT-P



- Accuracy: ±0.1% F.S. (Potentiometer)
- Measuring Potentiometer 200~10 Kohm
- Multi-lutput percentage selection by dip-switch
- Multi-Output selection: 0~5V / 0~10V / 0~10mA / 0~20mA / 4~20mA
- Small size, slim type 22.5mm, easily installation
- Surge test of AC 1500V / min between input / output / power
- High stability, non-flammable case (PA66), high safety

SPECIFICATION

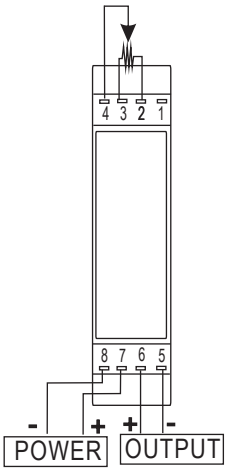
♦ Accuracy:	±0.1% F.S. (Potentiometer)
♦ Input Signal:	200~10 Kohm
♦ Input Reference Voltage:	DC 0~10V
♦ Output Selection:	0~5V / 0~10V / 0~10mA / 0~20mA / 4~20mA
♦ Zero Adjustment:	≦±5% F.S.
♦ Span Adjustment:	≦±10% F.S.
♦ Output Response Time:	<400 msec (0~90%)
♦ Output Capability:	Voltage Output: <20mA Current Output: <10V
♦ Output Ripple:	≦0.5% F.S.
♦ Isolation:	Input / Output / Power / Case
♦ Temperature Coefficient:	100ppm / ℃ (0~60℃)
♦ Operating Temperature:	0~60℃
♦ Operating Humidity:	20~90% RH (non-condensing)
♦ Storage Temperature:	-10~70℃
♦ Storage Humidity:	20~90% RH (non-condensing)
♦ Power Supply:	AC 85~265V; DC 22~60V
♦ Surge Test:	1.5KVac / 1min
♦ Insulation Resistance:	>100MΩ with 500Vdc
♦ Input Impendence:	Voltage: >2V for 20KΩ / V; ≦2V for >200MΩ Current: ≧0.2A at 100mV; <0.2A at 1V
♦ Installation:	DIN Rail 35mm (EN50022)
♦ Weight:	About 250 g

ORDER INFORMATION

GAT-P - Code 1

Code 1	Aux. Power
A	AC 85~265V
B	DC 22~60V

WIRING CONNECTION



CALIBRATION

SW1: Input Signal

Input Range	1	2	3	4	5	6	7	8
0~10%	■					■		
0~20%						■		
0~30%					■	■		
0~40%				■		■		
0~50%				■	■	■		
0~60%			■			■		
0~70%			■		■	■		
0~80%			■	■		■		
0~90%			■	■	■	■		
0~100%		■				■		
10~90%			■	■	■	■	■	
10~100%		■				■	■	

SW2: Output Signal

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

■=ON

♦ Steps:

1.Input the zero value and adjust the ZERO VR to the zero point.

2. Input the span value and adjust the SPAN VR to the span point.