

Weighing Controller



GSI309-2



INTRODUCTION

This weighing indicator has a five-digit digital tube display and can be directly connected to 1 to 4 $\pm 20\text{mV}$ signal weighing sensors. The comprehensive accuracy is $\pm 0.03\%$, and the measurement units are available in N, kN, kg and t. The indicator has the functions of peak holding and one-key resetting. The conventional default does not have any output function. The indicator equipped with 2 relays and the analog signals and communication functions can be selected.

SPECIFICATIONS

Power Supply	100V~240V AC
Accuracy	$\pm 0.03\%$ F.S
Work environment	Temperature : $0^{\circ}\text{C} \sim 50^{\circ}\text{C}$, humidity : $< 90\%$ RH
Input	1-4 load cells($\pm 20\text{mV}$)
Display	five-digit digital
Display Range	-19999~99999
Sensors excitation voltage	10V/Max 200mA
Sample rate	10 times/second
Relay	Optional, up to 4 relays
Output signal	Optional , $4 \sim 20\text{mA}$, $0 \sim 5\text{V}$, $0 \sim 10\text{V}$
Communication	RS232 or RS485
Dimension	160 $\times$ 80 $\times$ 125(mm) , Hole Size : 152 $\times$ 76(mm)

INDICATOR SELECTION

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	Code	Amplifier output signal		
	N	Without amplifier output signal		
	V1	0 ~ 5VDC		
	V2	0 ~ 10VDC		
	I	4 ~ 20mA		
	Code	Relay output alarm		
	AL1N	Without alarm		
	AL1R	Relay normally open, 250V/3A		
	AL2N	Without alarm		
	AL2R	Relay normally open, 250V/3A		
	Code	Communication		
	N	Without communication		
	2	RS232		
	4	RS485		
GSI309-2	V2	AL1N	AL2R	2