

BC580L

Weighing Indicator

BC580L series general weighing controller is embedded with all kinds of basic weighing setpoint control sequences. This feature makes it possible to be applied in most industrial weighing fields with economical cost spending. The real-time weighing signal can be converted into standard industrial communication signals, integrating field display and remote transmission, quantitative control and setpoint comparison at the same time, widely used in metallurgy, chemical industry, building materials, feed, textile, labs, material force analysis and other industries.



Features:

- ✧ Compact Panel Mount structure, save installation space
- ✧ New generation of embedded high speed processor, strong on anti-interference
- ✧ Optimized digital filter and quick following technology
- ✧ 4 ~ 20mA / 0 ~ 10V analog out available
- ✧ Over/under limit alarming
- ✧ Embedded material transfer control
- ✧ Embedded Setpoint comparison function
- ✧ Check-weigh control
- ✧ Auto zero tracking available
- ✧ Power-up zero available
- ✧ Isolated RS232 / RS485 serial interface
- ✧ Standard MODBUS RTU protocol
- ✧ 220VAC power supply

Specification:

Enclosure	Panel Mount. Front plate: SS304, IP65. Case: Anodized Aluminum		
Run Mode	2-speed material transfer mode, Setpoint comparison, over/under, check weigh		
Signal Range	-20mV~+20mV	Increments	1,2,5 x 10 ⁿ (n=-3 ~1)
Max. Sensitivity	0.5uV/d	Max. Resolution	1/50,000
FS Drift	3ppm/°C	Linearity	0.003%FS
AD Refresh Rate	<100Hz	Cells Load	Four (4) 350 ohm load cells
Display	6-digit 0.56' segment LED		
Keypad	4 tactile-feel keys; polyester overlay		
Discrete I/O	2 Inputs; 3 Outputs(220VAC @ 5A)		
USART	COM1: RS232; COM2: RS485		
Serial Protocol	MODBUS-RTU, Command output, Continuous Output		
Option	4~20mA/0~10V		
Power Supply	180~240VAC, 60mA		
Operating Temperature	-10°C ~ +40°C, Relative humidity:10%~90%, non-condensing		

Dimensions(mm): (W×H×D): 170×95×125. (W×H): 152×77

