

# BC360L

## Weighing Indicator

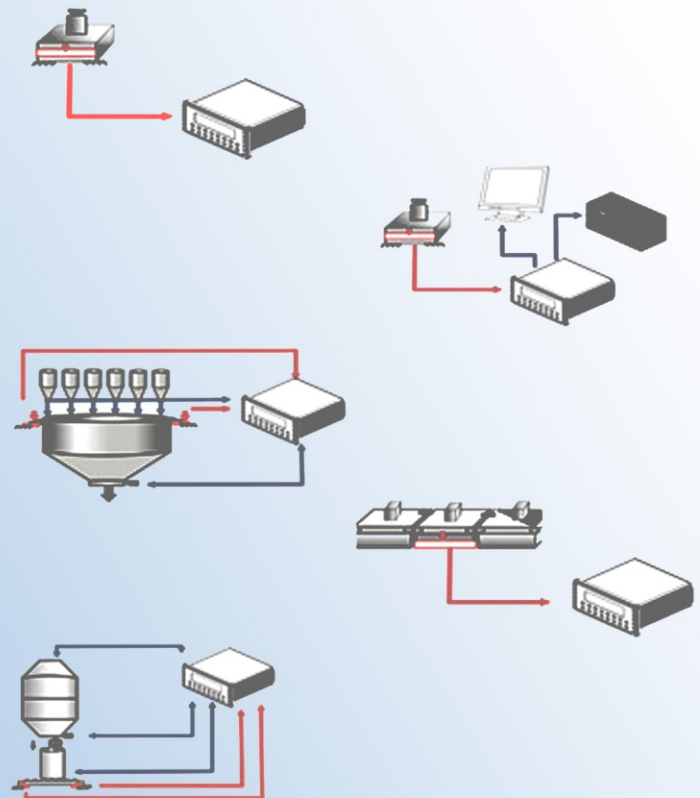


- BC360L1: Basic Unit (2 in 3 out relays, RS232/RS485 MODBUS RTU)
- BC360L2: Basic Unit + Analog 4-20 mA/0-10 Vdc output
- BC360L3: Basic Unit + Profibus DP

BC360L 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 ~ 20 mA / 0 ~ 10V analog out available
- ✦ Over/under limit alarming
- ✦ Embedded material transfer control
- ✦ Embedded Setpoint comparison function
- ✦ Check-weight control
- ✦ Auto zero tracking available
- ✦ Power-up zero tracking available
- ✦ Isolated RS232 / RS485 serial interface
- ✦ Standard MODBUS RTU protocol
- ✦ DC24V power supply



### Programable work modes :

Over-under mode, Check-weight mode, Net Filling mode, Gross Filling mode, Weigh-in Feed mode, Weight-out Feed mode, Peak Force mode, Net Filling with Fill-gun mode

**Weighing / Batching / Packing / Bagging / Filling**

Specification:

Enclosure	Panel Mount		
Run Mode	2-speed material transfer mode, Setpoint comparison, Over/under, Check weight, Reduction weight, Peak force measurement, Gross/net fill		
Maximum Signal Input Voltage	3.0 mV/V	A/D Internal	Sigma-Delta (24 bit)
Max. Sensitivity	>0.2uV/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	7-digit 0.4" segment LED		
Keypad	4 tactile-feel keys; polyester overlay		
Discrete I/O	2xDI, 3x Relay DO 2 Inputs; 3 Outputs(220VAC @ 5A)		
USART	COM1: RS232; COM2: RS485		
Serial Protocol	MODBUS-RTU, Command output, Continuous Output		
Analog Output	4~20 mA/0~10V (16 bit) option		
Power Supply	24 VDC, 60 mA		
Operating Temperature	-10 °C ~ +40 °C, Relative humidity : 10% ~ 90%, non-condensing		

Dimensions(mm) : 110x62x92.5 . Panal Cutout(mm) : 46x93

