

SMART

BAG COUNTER (MODEL – BC L03-M)

SMART BAG COUNTER UNIT is an automatic instrument used for the exact counting of bags, it has a sensing head attachment fitted on the spiral chute/conveyer or loader of the loading unit. The Second display line swap between total count and target count.

The **SMART** BAG COUNTER is designed for display of number of bags loaded in the truck or wagon by respective loaders, with Programmable counters to generate predefined signals after the counter Figure is attained, non ohmic contact output is available for connecting external control devices.



The instrument is Microcontroller based, SWITCH MODE POWER SUPPLY UNIT (SMPS), KEYPAD for programming & Counter setting & resetting, LED display unit for displaying running COUNT. Use of HIGHLY DURABLE SENSING HEAD instead of conventional optical sensors & proximity switches gives better results, longer.

The unit comes with 2 LINE RED LED Display:-

- a) Four digit LED display of 3.5" showing running COUNTER readings from 0-9999.
- b) Six digit LED display 1.5" showing from 0-999999 Or Four digit of 1.5" showing SET/RESET count.

All the displays are visible from long distance, when the reading reaches or exceeds the predefined count non-ohmic contact output is available for connecting external control devices like alarm, power down, count saving, computer interface, etc.

Features:

- Precise counting, high speed, durable & Intelligent to identify continuous bags
- Applicable for single bag counting, continuous bag counting and batch counting.
- Operating on 85 -220 V AC SMPS based power supply unit.
- RTC
- Pre alarm (last 10 counts to go)
- External ACCESSORY relay contacts
- Power down count saving
- 4 digit LED 4 x 3.5" Count display.
- 6 digit LED 6 x 1.5" Totaliser or 4 digit 4 x 1.5" set / reset count display
- Programming keypad
- Ethernet ready.
- Wireless connectivity (optional).
- long loop supported repeater stations operating on 85-220 V AC suitable for remote located standalone pc
- Weatherproof design for dusty and rough industrial atmospheres.
- Elegant in appearance, rugged & firm in construction.
- Batch counting: available for setting and displaying the number of single bags (0-9999);
- When the number reaches the set value, a predefined signal can be generated to activate alarm or a signal can be provided for switching the control signals to stop the conveyer/loader (designed as per requirement).
- On reaching the set count value, counter can be reset automatically or manually.

TECHNICAL SPECIFICATONS

BAG COUNTER & DISPLAY UNIT (MODEL BC L03-M) :-

Electrical performance: -

Power Source	85 volts -240 V AC. Power
Supply	SMPS.
Power consumption	5 Watts.
Count input mode	Sensing Head
Working model	Accumulative counting (0-999999) or SET/RESET (0-9999)
Display	COUNTER (0-9999)
Programming Keypad (3 X 4)	0-9,*, #
Reset mode	manual/automatic reset. Output contact
normally open and closed.	

Environmental: -

Temperature	0 to +60 C.
Humidity	0 to 95% Rh non-condensing. Enclosure
Dust proof type.	

Mechanical: -

Body	18 SWG steel.
Dimension	536 X 234 X 140
Surface Finish	Powder coated.
Net weight	2.2 kgs.
Standard mounting	WALL MOUNTING

INDUSTRIAL AUTOMATION SIMPLIFIED.

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“(Specifications and description subjected to change without prior notice)”