

SMART

BAG COUNTER CUM TOTALIZER MODEL BC-L-01

SMART BAG COUNTER CUM TOTALIZER 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 **SMART BAG COUNTER CUM TOTALIZER UNIT** 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 single Microcontroller based, SWITCH MODE POWER SUPPLY UNIT (SMPS), KEYPAD for programming & counter setting & resetting, seven segment display unit for displaying running COUNT, TOTALIZER, SET/PRESET COUNT. Use of HIGHLY DURABLE SENSING HEAD instead of conventional optical sensors & proximity switches gives better results, longer life in dusty (CEMENT INDUSTRY) and rough industrial atmosphere.

The unit comes with 3 display:-

- Four SEVEN SEGMENT display of 4" showing running COUNTER readings from 0-9999.
- Seven SEVEN SEGMENT display of 2.3" showing TOTALISER readings from 0-9999999.
- Four SEVEN SEGMENT display of 1" showing SET/RESET counts while programming

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 110-220 V AC SMPS based power supply unit.
- Sensing head attachment
- Pre alarm (last 10 counts to go)
- External ACCESSORY relay contacts
- Power down count saving
- 4 digit seven segment 4 x 4" count display.
- 7 digit seven segment 7 x 2.3" totalizer display.
- 4 digit seven segment 4 x 1" set / preset count display.
- Programming keypad with menu, +,-, counter reset, totalizer reset & enter keys.
- Computer connectivity with operating software:-windows based (optional)
- 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 manually.

TECHNICAL SPECIFICATIONS

BAG COUNTER & DISPLAY UNIT (MODEL BC-L01):-

Electrical performance: -

| | |
|-------------------|--|
| Power Source | 110 volts -220 V |
| AC. Power Supply | SMPS. |
| Power consumption | 3 Watts. |
| Count input mode | Sensing Head |
| Working model | Accumulative counting (0-9999) |
| Display | COUNTER (0-9999) TOTALIZER(0-9999999) SET/RESET (0-9999) |

| | |
|----------------------------|--|
| Programming Keypad (4 x 4) | P-PROGRAM CR (counter reset) TR (totalizer reset) E - (enter) B 1 & B2 – LAST 40 Backups |
| Reset mode | Manual 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 | 570 X 300 X 120 |
| Surface Finish | Powder coated. |
| Net weight | 2.8 kgs. |
| Standard mounting | WALL MOUNTING |

INDUSTRIAL AUTOMATION SIMPLIFIED.

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