

# SMART 304 SS BAG COUNTER (MODEL BC-L-SS)

**SMART BAG COUNTER** in **304 GRADE STAINLESS STEEL** HOUSING DESIGNED SPECIALLY FOR CORROSIVE ATMOSPHERE.

This instrument is used for the exact counting of bags, it has a sensing head attachment in 304 SS grade stainless steel fitted on the spiral chute/conveyer or loader of the loading unit

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 / SOFTWARE for programming & counter setting & resetting, seven segment display unit for displaying RUNNING COUNT/PRESET COUNT.

Use of HIGH DURABLE 304 GRADE STAINLESS STEEL SENSING HEAD gives longer life in corrosive industrial atmosphere (UREA / FERTILISER PLANTS).

The unit has 2 display:-

- SIX SEVEN SEGMENT display of 4" showing running COUNTER readings from 0-999999.
- Four SEVEN SEGMENT display of 1/2" showing SET/RESET counts while programming

Both 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.
- 304 SS Sensing head attachment
- Pre alarm ( last 10 counts to go )
- External ACCESSORY relay contacts
- Power down count saving
- 6digit seven segment 6 x 4" count display.
- 4 digit seven segment 4 x 1" set / preset count display.
- Ethernet output for Computer connectivity with operating software ;-windows based
- Wireless connectivity
- 304 GRADE STAINLESS STEEL HOUSING ,Weatherproof design for Corrosive atmospheres.
- Elegant in appearance, rugged & firm in construction.
- Alarm at predefined figure with belt tripping connection.

**TECHNICAL SPECIFICATIONS:**

**BAGGAGE COUNTER :**

**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 (0-999999)
Display	COUNTER(0-999999)
	SET/RESET(0-9999)
Output contact	Normally open and closed.

**Environmental: -**

Temperature	0 to +60 C.
Humidity	0 to 95% Rh non-condensing.
Enclosure	304 grade SS .Dust proof type.

**Mechanical: -**

Body	304 Stainless Steel.
Dimension	799X220X140
Net weight	8KG
Standard mounting	WALL MOUNTING

**INDUSTRIAL AUTOMATION SIMPLIFIED.**

**VOIZLINK**

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