SMART NETWORK BAG COUNTER (MODEL BC-L-NW)

SMART NETWORK BAG COUNTER is a 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** NETWORK 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), IR REMOTE KEYPAD / SOFTWARE for programming & counter setting & resetting, seven segment display unit for displaying RUNNING COUNT/PRESET COUNT.
Use of HIGHLY DURABLE SENSING HEAD instead of conventional optical sensors, Ultrasonic sensors & proximity sensors, gives better results, longer life in dusty (CEMENT INDUSTRY) and rough industrial atmosphere.

The unit comes with 2 display :-
   a) Four SEVEN SEGMENT display of 4" showing running COUNTER readings from 0-9999.
   b) 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.

The Counters are network / optional wireless ready with output in Ethernet for computer connectivity.

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.
- 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.
- 4 digit seven segment 4 x 1" set / preset count display.
- Remote Programming feature
- Ethernet output for Computer connectivity with operating software ;-windows based
- Wireless connectivity
- 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); Alarm at predefined figure with belt tripping connection.
- On machine acknowledgement switch for indication to the programmer.
- IR REMOTE for direct field programming.

TECHNICAL SPECIFICATIONS:

BAGGAGE COUNTER :

Electrical performance: -

Power Source	85 volts -240 V AC.
Power Supply	SMPS .
Power consumption	3 Watts.
Count input mode	Sensing Head
Working model	accumulative counting (0-9999)
Display	COUNTER(0-9999)
	SET/RESET(0-9999)
Remote Programming Keypad	IR TYPE
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	400 X 250 X 100
Surface Finish	Powder coated.
Net weight	2.2 kgs.
Standard mounting	WALL MOUNTING

I N D U S T R I A L   A U T O M A T I O N   S I M P L I F I E D.

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"(Specifications and description subjected to change without prior notice)"