SMART OPTIC SENSOR BAG COUNTER (MODEL BC-DO-NW)

SMART DO SENSOR BAG COUNTER UNIT is an instrument used for the exact counting of bags , it has a DIFFUSED OPTIC SENSOR fitted on the spiral chute/conveyer or loader of the loading unit
The **SMART** DO 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), and KEYPAD for programming & counter setting & resetting, seven segment 4 INCH display unit for displaying running COUNT.
Use of Diffused Optical sensors gives good 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" 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.
- Diffused Optical Sensor.
- 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.
- 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); 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-DO):-

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) SET/RESET (0-9999)
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	400 X 250 X 100
Surface Finish	Powder coated.
Net weight	2.2 kgs.
Standard mounting	WALL MOUNTING

CONCEPTS TO INNOVATIONS

Cables & Wireless Co.

FF 75 RAJAT ARCADE, MIDC T-POINT,
AMRAWATI ROAD, WADI,
NAGPUR –440023.
Tele Fax:- 07104-224381.
Website:- www.cnwcom.in. E-mail: - cnwcom@gmail.com.
Cell: - 098226 95746, 09822941190.

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