

CONNECTION DETAILS

NOTE : Use same terminals 13, 14 & 15 for any of the NPN/PNP Proximity Sensor.


RELAY
SENSOR
220V

| COM | NC | NO | GND | +VE | SIG | RST | L | N |
|-----|----|----|-----|-----|-----|-----|----|----|
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |

OPERATION MANUAL

| Model | 994CR |
|-------------------------------------|----------------------------|
| Dimensions H x W x D | 96 x 96 x 45 mm |
| Panel Cutout Size | 92 x 92 mm |
| Counter Display Range | 0 - 999999 count |
| R.P.M. Display Range | 4 - 5000 rpm |
| Set Value Range | 0 - 999999 count |
| Password Feeding Range | 0 - 99 |
| Password Setting Range | 0 - 99 |
| Wrong Password Indication | Error |
| Batch Display Range | 0 - 65000 |
| Total Display Range | 0 - 999999 |
| Counting Factor Setting Range | 0 - 99.9 |
| No. of Machine STOPS Counting Range | 0-999999 |
| Blank Leading Zeros Display | Yes / No |
| Auto Reset Time Range | 0 - 99.9 Seconds |
| Counting Direction Setting | UP / DOWN |
| Protection From SENSOR SHORT | Yes |
| Sensor Type Selection | NPN / PNP |
| Set Point | 1 Set Point (Programmable) |
| External Reset | Yes |
| Input Signal | NPN or PNP Sensor etc. |
| Indications | LED for Relay Status |
| Output Control Relay | 1 CO, 5A, @ 230V AC |
| Memory | Nonvolatile Memory |
| Accuracy | +/- 1 Count |
| Power Supply | 220V AC, 50Hz |
| Temperature | 0 - 50 Degree Centigrade |

Operation Manual

994CR


Sensor Connections : NPN / PNP : Connect sensor to terminals 13, 14 & 15.

How to feed the Set Value :

Press **SET ENT** button for 1 sec. to show the last SET VALUE. Press **◀** button to shift the blinking digit left & **▲** button to increase it. Press **SET ENT** button again for 1 sec. to save the new SET VALUE.

How to make different settings :

Press **SET ENT** button twice to display PASS. Feed 99 from LEFT & UP buttons. Press **SET ENT** button once. Display will show "Stop" and its value i.e. how many times, machine has stopped. If to reset it, press **◀** & **RST** buttons together. Press **SET ENT** button again & again to go to the different setting modes i.e. "ZEROS" (Blank Leading Zeros), "tiME" (Auto Reset Time, Feed 00.0 for Manual Reset), "Count" (Counting Direction), "TYPE" (Sensor type NPN/PNP) "FCtr" (Counting Factor), "PSwd" (Password Change). Set the desired value for desired setting. Then press **RST** button to exit all the setting modes.

How to display & reset the BATCH and TOTAL value :

Press & hold **◀** button to display the BATCH value, Then press **RST** button to reset it.

Press & hold **▲** button to display the TOTAL value, Then press **RST** button to reset it.

NOTE : If something is happening wrong in the operation, do factory setting by pressing **◀** & **▲** buttons together for 10 sec. (in normal display mode). Display will show "SET". Now feed the SET VALUE again & make desired settings.

Specifications

- * Panel Cutout Size : 994CR – 92 x 92 mm
- * Counter Display Range : 0-999999
- * Preset Range : 0-999999
- * R.P.M. Display Range : Upto 5000
- * Total Counter Range : 0-999999
- * Batch Counter Range : 0-65000
- * Auto Reset Time Range : 0-99.9 seconds
- * Set Point : 1 (Customizable)
- * Body Type : Strong Plastic Body.
- * LED Indication : Relay
- * Memory : Non-volatile
- * Output Control Relay : 1 C/O, 5A, 230V AC
- * Power Supply : 220V AC, 50 Hz.
- * Input Signal : NPN/PNP Proximity Sensor, Solid state device, Potential free contacts, Mechanical switch, Micro-switch or Limit switch.

Features

Standard Features :

- * Counter Display : The display shows the current count value of the machine.
- * RPM Display : Indicates the RPM value of the machine.
- * Set Point Control : You can set the required count value in the counter display and the machine will stop upon reaching that value.
- * Auto Reset Feature : Set a time limit in seconds for automatic resetting of the counter after it reaches its set value, eliminating the need for manual intervention after each cycle.
- * Batch Counting : Enables tracking of production through batch counting.
- * Memory : Counts are saved in memory during power failures and resumed from the saved point upon power restoration.
- * Reset Option : The counter offers two reset options, accessible via either the front button or the back terminals. Additionally, you can connect an external button to the back terminals, enabling remote reset capability for added convenience and flexibility.

Premium Features Offered Only By ACXA :

- * SENSOR Short Circuit Protection : Safeguards the counter if the sensor's positive and negative wires are shorted by any cause, preventing unnecessary repairs or replacements.
- * Total Counter : Tracks the total count of products produced by the machine. Resetting this counter is possible via the settings menu.

ACXA Benefits :

Say Goodbye to Expensive and Inaccurate Counters. Switch to ACXA for:

- * Accurate and precise counting.
- * Short circuit protection features.
- * Customizable functions according to your needs.
- * The most affordable price range in the market.
- * Automatic data saving in memory.
- * Production tracking features to help you keep records.
- * Superior quality and outstanding reliability when compared to other counters.
- * One-year warranty with free-of-cost repairs.
- * Long-lasting durability with full repairability.
- * All sizes readily available.
- * Straight forward installation process and user interface.