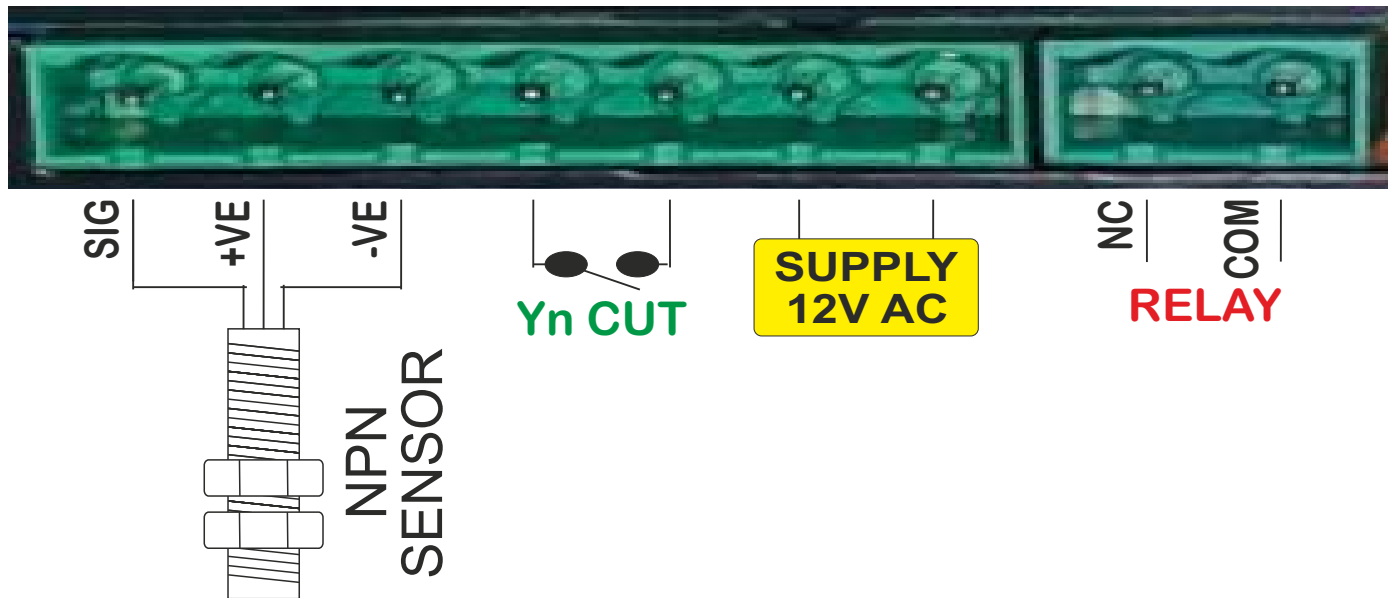


CONNECTION DETAILS



OPERATION MANUAL

Model	496YC
Dimensions H x W x D	48 x 96 x 45 mm
Panel Cutout	44 x 92 mm
Display Range	0 - 99999
Set Value Range	0 - 99999
Tubes/Cones per Doff	1 - 99
Yarn Cut Switch	NO/NC Programmable
Set Point	1 Set point (Programmable)
Reset	Auto reset / From front keypad
Input Signal Sensor	NPN/PNP Proximity-Auto Detect
Indication	For Relay, Sensor & Yn Cut Input
Output Control Relay	1 CO, 7A, @ 230V AC / 24V DC
Power Supply	12V AC \pm 10%, 50Hz
Accuracy	\pm 1 Meter
Memory	Nonvolatile Memory
Temperature	0 - 50°C

Note : Specifications are subject to change.

EXPLANATION OF SETTING MODES :

1. doFF= : No. of tubes/cones per doff per head.
2. Yc.Mod : Whether yarn cut happens on it's switch NO or NC.
3. Count : Whether to count UP or DOWN.
4. rELAY : Whether to keep the relay ON or OFF, when motor runs.
5. AFtEr : Whether to count during reset time YES or No.
6. rAtio : No. of pulses / 1 METER length.
7. PSWrD : Set desired password to access the various setting modes.

OPERATION MANUAL

496YC


How to feed SET VALUE :

Press **SET ENT** button for 1 sec. to display last SET VALUE, Press **◀** button to shift the blinking digit left and **▲** button to increase it. Then press **SET ENT** button again for 1/2 sec to save the new SET VALUE.

How to enter the various SETTING MODES :

Press **SET ENT** again & again to display SET value, PASS=, enter the password 99, Press **SET ENT** again & again to enter the setting modes & to display TUBES/CONES per doff, YARN CUT NO/NC, COUNT UP/DOWN, RELAY ON/OFF, COUNT AFTER DOFF YES/NO and the PASSWORD CHANGE mode. Set the required setting option by pressing **◀** and **▲** buttons. Then press **RST** button for 1 sec to save the new setting.

How to display No. of TUBE / CONES and No. of YARN CUTS :

Press **◀** button to see total TUBES/CONES. Press **RST** button also to RESET. Press **▲** button to see total YARN CUTS. Press **RST** button also to RESET.

Specifications

- * Counter Size : 48 x 96 x 65 mm
- * Panel Cutout : 44 x 92 mm
- * Display Range : 0-99999
- * Set Value Range : 0-99999
- * Units : Metre
- * Auto Reset Time : 0.1 second
- * Counting : Up / Down (Programmable)
- * Tubes / Cones per doff : 1-99
- * Yarn Cut Switch : NO / NC (Programmable)
- * Set Point : 1 Set Point (Programmable)
- * Reset : Auto Reset / Reset Button
- * Input Signal Sensor : NPN Proximity Sensor
- * LED Indication : Relay, Sensor & Yarn Cut
- * Output Control Relay : 1 C/O, 7A, @230V AC/24V DC
- * Power Supply : 12V AC +- 10%, 50Hz
- * Memory : Nonvolatile Memory
- * Temperature : 0 – 50°C

AI Powered – Special Features Offered Only By ACXA :

Money and Yarn Saving :

Our counters have a unique feature that saves a significant amount of yarn and money daily. By saving yarn, our counters enable you to produce more reels/cones compared to other counters that typically waste yarn. This ensures cost-effectiveness and efficiency in production. Our counter enables your machines to produce more reels/cones using the same amount of thread as before. Contact us for a demo to experience the difference.

Precise Length Accuracy – Result Length Setting :

Achieve precise accuracy in thread winding with our new AI-Powered feature. Now the accuracy of your reels/cones will be in your hands. Say goodbye to other traditionally designed counters that give you inaccurate lengths and contact us today to learn more about how this feature will provide you the accuracy you want.

Features

Standard Features :

- * Fully controls the machine.
- * Measures the length of thread being wound on Tube/Cone.
- * Allows setting the required thread length in meters.
- * Stops the machine if thread breaks during winding.
- * Automatically stops the winding when the required length is achieved.

Exclusive Features Offered Only By ACXA :

- * Precise Memory Saving on Power Fail : Our counter saves a fraction of a 1-meter length in memory in case of a power failure, eliminating yarn loss and maintaining accuracy. It resumes counting from where it left off when power is restored.
- * Total Count of Yarn Cuts : The counter keeps track of the total number of times a yarn cut occurs on a machine head, ensuring that all machine heads are in good condition and capable of producing quality reels/tubes/cones.
- * Password Protection : All settings, except the set value, are password-protected. You can also change the password within the settings. So no one can intentionally or unintentionally change the machine settings, ensuring accurate production of reels/cones.
- * Total Count of Reels/Cones Produced : Our counter tallies the total number of reels/cones produced, helping you keep track of production and manage inventory efficiently.
- * Yarn Cut NO/NC Setting : Our counter is universal and compatible with both types of yarn cut switches: NC (normally closed) and NO (normally open). You can set the switch type in the settings, so that you don't have to buy different counters for different machines.
- * Counting Direction Setting : You can select the counting direction as Upward or Downward in the settings, allowing flexibility to suit your specific requirements.
- * Yarn Cut Repetition Indication : If yarn breaks again before restarting the winding process after a yarn break, our counter will display Yncut again and prevent the machine from running until all yarns on a head are corrected by the operator, ensuring equal lengths for all reels/cones.
- * Adjustable Ratio Setting : You can adjust how many rounds of the winding pulley the counter counts as 1 meter. For example, if your pulleys are 200 mm, you can set the ratio to 5:1, ensuring accurate length measurement. If not needed, the default ratio is always 5:1.
- * Relay ON/OFF Setting : Choose whether to keep the relay ON or OFF during operation in the settings, giving you control over power usage and machine operation.

ACXA Benefits :

Say goodbye to inaccurate traditional counters that waste your money and yarn.

Upgrade to ACXA's innovative AI-powered counters and get :

- * Digital control over your machine.
- * AI-Powered Features for precise length accuracy of reels/cones.
- * Premium quality and exceptional reliability compared to other counters.
- * Vibration-proof build.
- * Unique features to enhance your machine's productivity.
- * AI-powered functionalities that can increase your daily profit by saving a significant amount of your yarn.
- * One-year warranty with free-of-cost repairs.
- * Long-lasting durability with complete repairability.
- * Compatibility with all tube/cone winding machines.
- * All sizes readily available.
- * A simple installation process and user interface.