

## AMPLIVAR Product Terminator III A with CQM

### Product Features

- Crimp Quality Monitor (CQM) auto adjusts crimp height and enables 6-sigma process quality
- Connects up to 3 wires in 1 splice
- Height adjusts in 0.013 mm increments over 1.63 mm range
- Change tooling quickly without major adjustments
- No need to strip magnet wire

### Compatible Tyco Electronics Products

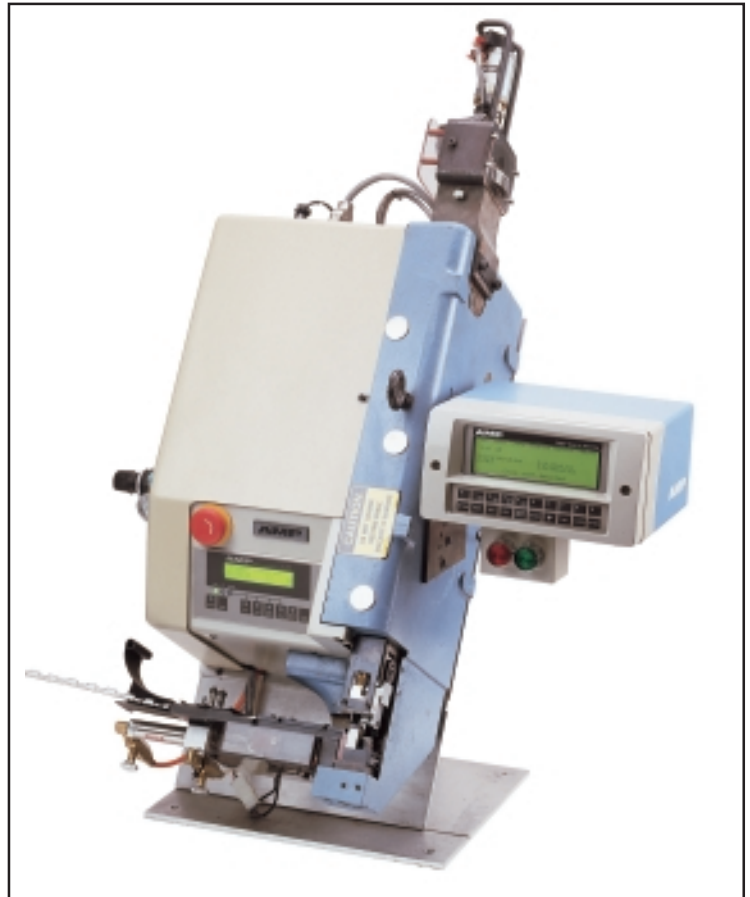
#### AMPLIVAR Splices

For pigtail splices or direct connection of contacts to magnet wire, the AMPLIVAR Product Terminator (APT) and strip-form AMPLIVAR products offer a fast and efficient system, with no need to strip mag-wire insulation.

To apply a splice or contact, simply place the wires in the target area and depress the foot switch. The machine automatically shears the splice or contact from the strip, crimps it, shears off excess wire, and advances the next splice or contact into position.

With CQM, the APT IIIA assists in achieving 6-sigma processing capability. In addition to providing 100% inspection and automatic adjustment of crimp heights as needed, the CQM also evaluates the quality of each crimp. If a questionable crimp is detected, visual and audible alarms alert the operator.

For operations with multiple wire sizes, the APT IIIA provides programmable sequencing of different crimp-height settings, and it can store up to 2000 different programs of 7 different settings each. The maximum time to auto-adjust between programmed crimp heights is 2 seconds.



To avoid the need to change product reels when wire combinations are smaller than the CMA range of the splice or contact, an optional stuffer inserts a stuffer wire into the splice or contact prior to crimping, increasing the total CMA to the recommended range.

### About Tyco Electronics

Tyco Electronics is one of the major business units of Tyco International Ltd. Headquartered in Harrisburg, Pennsylvania, USA, Tyco Electronics is the world's largest passive electronic components manufacturer, and a world leader in cutting-edge wireless technologies, fiber optic active components, and complete power systems.

The company has facilities located in 56 countries serving customers in the aerospace, automotive, computer, communications, consumer electronics, industrial and power industries.

Tyco Electronics provides advanced technology products from over thirty well-known and respected product brands, including Agastat, Alcoswitch, AMP, AMP Netconnect, Buchanan, CoEv, Critchley, Elcon, Elo TouchSystems, HTS, M/A-COM, Madison Cable, OEG, Potter & Brumfield, Raychem, Schrack, Simel and TDI Batteries.