

for Magnet Wires

Features

- Terminals can be inserted into housings with up to 6 different insertion orientations
- The insertion finger is equipped with a spring to position the terminal below the housing surface
- The motion sequence is driven by one pneumatic cylinder only
- Insertion capacity: 60 terminals per minute

Compatible Tyco Electronics Terminals

- MAG-MATE terminals
PN 1534686
standard version
PN 1534680
mini version
- SIAMEZE terminals
PN 1601035
PN 1601046

Further terminals upon request.



The tool can be used on P100 and P200 Insertion Machines and can be integrated into fully automatic production lines.

The feed unit positions the terminal underneath the insertion finger.

The insertion finger picks up the terminal.

The terminal is separated from the carrier strip.

The waste is extracted by suction.

The tool places the terminal 5 mm lateral to the cutting plate and the cutter.

During the insertion stroke both the insertion finger and the terminal are rotated to the required angle and the terminal is inserted.

Due to the sprung loaded insertion finger the terminal can be inserted 0.10 mm below the housing surface and thus compensate for housing-tolerances.

Insertion Modules, compatible to MAG-MATE terminals with different insertion orientations:

PN 1-539937-0
PN 1-539937-1