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Wire Terminal WT C

Much faster, thanks to fully automatic wire end preparation



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Wire Terminal WT C

Fully automatic wire end processing

The Wire Terminal fully automated wire processing machine processes wires and labels them on a fully automatic basis. A fully integrated crimper solution that uses servo technology and has been specially modified for the application ensures that wires with cross sections from 0.5 to 6 mm² can be stripped fully or partially to any length or fitted with wire end ferrules in various lengths.



1

Wire labelling with the latest technology

The Wire Terminal can be configured with the very latest IQ.JET marking system for labelling the source and target of wires. Labelling is then available in a choice of colours – black, white or light blue.



15 times



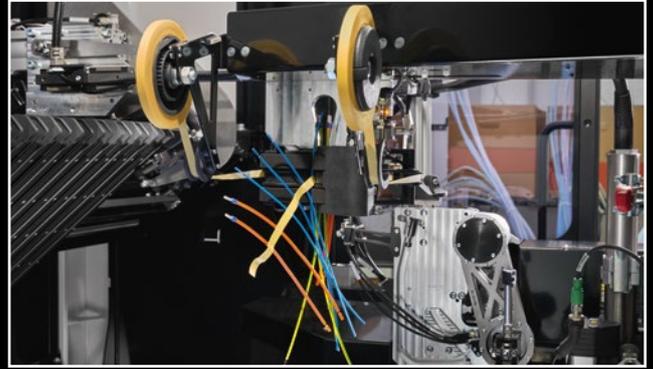
faster than manual wire processing

2

Wire processing

Vibratory bowl feeders are used to ensure the right quantity of wire end ferrules can be fed in reliably. This means that loose wire end ferrules can be refilled very easily. Up to ten wire end ferrule infeeds are available for flexible and redundant use in ferrule lengths from 8 to 18 mm.





3

Choice of wire output

Wire output takes place sequentially by a wire rail system or in chain bundle format as an option. The wire rail system can hold up to 2100 processed wires on 15 wire rails, each of which is fitted with an RFID chip of the latest generation for automatic identification purposes. Project-specific marking is also possible via the integrated label printer. Producing the wires in chain bundles in a pre-planned sequence further boosts efficiency. Wire rails and wire chain bundles are passed on to downstream process steps and, in conjunction with Eplan Smart Wiring, ensure an optimum wiring process.



4

Fast changeover of the wire supply

The Wire Terminal has three docks for the wire stores and can handle up to 36 wires in parallel. Wire store WT Tube 12 has space for 12 wire containers/drums and is the ideal solution for changing wires quickly and safely. Thanks to the state-of-the-art wire shunting system, the RFID memory in the wire infeed block and the quick-change system, the wire store can be changed in next to no time. When it is docked onto the Wire Terminal, the Wire Terminal knows immediately which wires are in the wire store, and production can start straight away. WT Tube 12 is a modular system that can accommodate six wire drums on each of the two levels in a space-saving design. Use of special Teflon tubes for routing the wires also helps ensure an optimum process.

Your benefits:

- Faster processes thanks to fully automated wire processing
- Seamless networking of the engineering via the RiPanel Processing Center job management tool ensures end-to-end production processes
- Amortisation period of 2.5 years from a minimum of 300 enclosures per year



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