



PRODUCT DATASHEET

OVERVIEW

The **WireTerminals** of the C1000 series assemble wires for control panel manufacturing fully automatically. Up to 12 different wires can be processed without retooling.



KEY FEATURES

- Feeding up to 12 wires simultaneously without retooling
- Wire labelling using inkjet printers
- Five-way crimper for ferrules from 0.5 mm² to 2.5 mm² or ten-way crimper for ferrules from 0.5 mm² to 6 mm²
- Different end processing possible on both sides of each wire
- Data from export files such as XLSX, CSV or TXT, as well as interface to ECAD systems

	WireTerminal C1005	WireTerminal C1010
Wire length range	150 mm to 7,000 mm	
Wire cross-section range	0.5 mm ² to 2.5 mm ²	0.5 mm ² to 6 mm ²
Wire diameter range	min. 1.6 mm, max. 4.0 mm	min. 1.6 mm, max. 5.5 mm
Ferrule length	8 mm to 18 mm	
Continuous partial removal	6 mm to 20 mm	
Continuous full removal	2 mm to 22 mm	
Number of ferrules	5	10
Number of wires processed simultaneously	12	
Cycle time with ferrules crimped on both sides (150 mm)	from 11 sec	
Dimensions	Length = 2,170 mm Width = 1,080 mm Height = 1,870 mm	
Weight	800 kg	
Compressed air connection	min. 6 bar, max. 10 bar	
Compressed air consumption	up to 23 NI/min	
Operating voltage	230 V, 1~, 50 Hz / 60 Hz	
Control voltage	24 V	
Power consumption (approx.)	1 kW	



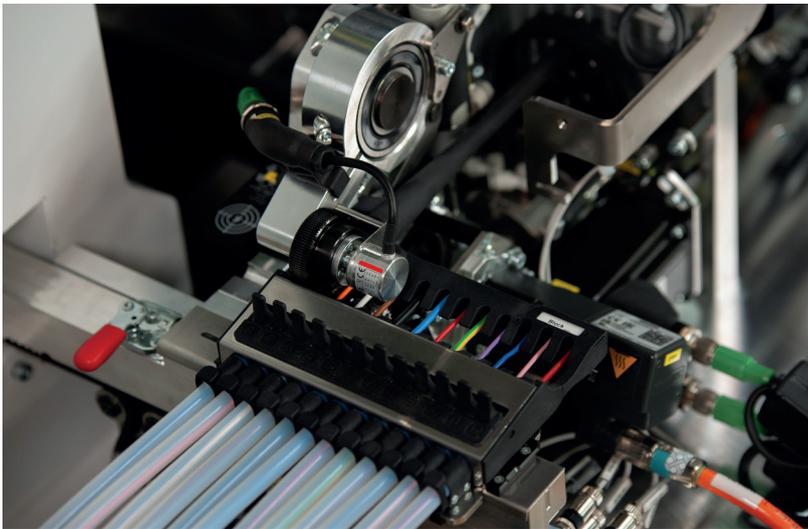
OUTPUT TYPES

The **WireTerminal C1000** series is available in two versions, which differ in terms of the wire output type:

- **Output via patented WireRails:**
With up to 5 **WireRails** for different wire cross-sections in which the wires are stored individually according to wiring sequence.
- **Output via tape chains:**
Different cross-sections are sequentially fixed with tape and collected as finished tape chains in a collection tray.

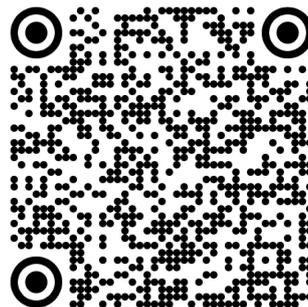
ACCESSORIES

- Cleaning station
- **WireCart**
- **WireStorage**
- Wire feed cassette
- **WireRails**
- **WireRail locks**
- Vibrating conveyor bowls
- Cleaning set



ADVANTAGES

- With crimped ferrules on both sides, the cycle time can be reduced to 11 seconds at a wire length of 150 mm
- Skilled workes can concentrate on more demanding tasks
- No waste
- Clear wire labelling on each wire



Ready for the next step?
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