

WIRE PROCESSING CENTER**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Automated cable assembly with maximum flexibility –
Wire Processing Center (WPC)

- Modular adaptation of the system for customer-specific requirements: CUTFIX PRO, CUTFIX PRO FEEDER, CRIMPFIX R VARIO, CA 100 DUO or THM MultiMark
- Holistic assembly process including cable feeding and bundling
- Software with one-piece-flow approach for high process reliability and quality

General ordering data

Version	Cutting machine, Automatic stripper and crimper, Thermotransfer printer, Software
Order No.	2634120000
Type	WIRE PROCESSING CENTER
GTIN (EAN)	4050118688115
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	750 mm	Depth (inches)	29.528 inch
Height	1,800 mm	Height (inches)	70.866 inch
Width	1,100 mm	Width (inches)	43.307 inch
Net weight	157,320 g		

Labelling systems

Interface	USB 2.0	Operating system	Windows 7, Windows 8, Windows 8.1, Windows 10
Operation with rechargeable batteries	No	Print resolution, max.	300 DPI
Printing method	Thermotransfer	Printing speed	150 mm/s
System requirements	PC with operating system Windows 7, 8 or 10	Version	Mobile system with CUTFIX 8 INTERFACE, CRIMPFIX R VARIO, THM MULTIMARK
Voltage supply	100...240 V AC		

PW65 maintenance - automatic stripping/crimping

Compressed-air connection	5.5 bar	Consumables	Linked wire-end ferrules
Crimping	Trapezoidal	Crimping length	8/10 mm
Drive	electrical	Electrical connection	100 - 240 V AC / 50/60 Hz
Insertion length, min.	27 mm	Pulse time	approx. 2 s
Stripping range	0.5 - 2.5 mm ² (~ AWG 20-14)	Wire end ferrules cross-section, max.	2.5 mm ²
Wire end ferrules cross-section, min.	0.5 mm ²		

Automatic cutting

Aperture (max. diameter)	8 mm outer diameter	Compressed-air connection	5.5 bar
Correction for length	Slip correction in mm can be programmed to suit the part.	Display	LCD display
Drive	electrical	Electrical connection	100 - 240 V AC / 50/60 Hz
Feeding speed, max.	1.5 m/s	Flexible/solid individual conductors	max. 10 mm ² / max. 2.5 mm ²
Interface	USB 2.0	Keyboard	Touch display
Length pre-selection, max.	999,999 mm	Length pre-selection, min.	2 mm
Storage	Up to 2,000 cutting jobs		

WPC

Electrical connection	100 - 240 V AC / 50/60 Hz	Display	15-inch touchscreen
Note	Load capacity max. 180 kg, Mobile use, Panel with completed cabling and additional mains plugs and USB connections, pivoting display holder	Compressed-air connection	5.5 bar

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www.weidmueller.com**Technical data****Classifications**

ETIM 6.0	EC002224	ETIM 7.0	EC011808
ETIM 8.0	EC011808	ETIM 9.0	EC011808
ECLASS 9.0	17-13-01-90	ECLASS 9.1	17-13-01-90
ECLASS 10.0	17-13-01-90	ECLASS 11.0	17-13-01-90
ECLASS 12.0	17-13-01-90	ECLASS 13.0	17-13-01-90

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Approvals

ROHS	Conform
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Downloads

User Documentation	WPC-Server program WPC-Tool planning software
Catalogues	Catalogues in PDF-format

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www.weidmueller.com**Accessories****Automatic machines**

- For automatically cutting individual wires to length
- High repeat accuracy due to the precise servo DC drive
- Interface for controlling the automatic cutter via an IBM-compatible PC

General ordering data

Type	CUTFIX 8 INTERFACE	Version
Order No.	2580010000	Cutting machine
GTIN (EAN)	4050118605839	
Qty.	1 pc(s).	

Printers

These printers produce excellent printing results thanks to the thermal transfer technique. Different materials and the user-friendly printing system under Windows optimise marking efforts.

General ordering data

Type	THM MULTIMARK	Version
Order No.	2599430000	Marking systems, Thermotransfer printer, Thermal transfer, 300 DPI,
GTIN (EAN)	4050118626377	MultiMark, Shrink-fit sleeves, Label reel
Qty.	1 pc(s).	

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www.weidmueller.com**Accessories****Automatic machines**

- For automatic stripping and crimping
- Time-saving and efficient processing
- Easily adjustable to the respective cross-section range
- Stripping and crimping in one work step
- The processing of sleeves or contacts from other manufacturers can cause machine failures and defects!

General ordering data

Type	CRIMPFIX R VARIO	Version
Order No.	2580000000	Automatic stripper and crimper
GTIN (EAN)	4050118605846	
Qty.	1 pc(s).	