

**Weidmüller THM MultiMark LPC (Labeling Processing Center) – Fast and efficient device labelling – Laser-assisted alignment – Ergonomic operation via foot switch – High repeat accuracy – Controllable via Weidmüller M-Print® PRO software**

**Device labelling made easy**

Labeling Processing Center for automated component labelling

The Workplace Solution business unit at Weidmüller offers solutions and products that optimise work processes along the customer's value chain. Essentially, these processes include the assembly of the mounting rail, the cable assembly and the labelling of components and panels. To this end, Weidmüller provides fast, reliable and consistent marking systems under the designation MultiMark and MultiCard. Insertion markers, labels or shrink sleeves can be marked quickly and individually with the modularly designed thermal transfer printers of the MultiMark series and the M-Print® PRO configuration software. From single items to large print quantities, markings of all kinds can be produced extremely economically without compromising on quality – easily legible and resistant to environmental influences. Many terminal rail components are already equipped with receptacles into which markers or signs can be simply clipped or snapped.

Yet no panel-building company can afford to do without the universal use of self-adhesive markers. Self-adhesive labels can be created for devices and components with the THM printers. This ensures a clear, structured, unambiguous and legible overview, which in turn ensures a consistent appearance.

But one problem remains: in contrast to the snap-on markers, labels have to be unscrewed from the liner film and applied to components manually. Ideally, a pair of tweezers is at hand. In most cases, however, this is done literally “by hand” or with the odd screwdriver. The work is

tedious and time-consuming, and the result is not always convincing. Often the label is crooked, wrinkled or protrudes beyond the edge of the device. To provide a sustainable solution to this problem, Weidmüller has developed the THM MultiMark LPC (Labeling Processing Center) for automatic component labelling. This unique system instantly positions, prints and applies device labels correctly. The new high-performance applicator automatically lifts the label from the liner and attaches it reliably. The process is suited to most component geometries. The components can have a height of up to 120 mm. This means that even larger devices can be reliably labelled.

The labelling process is very simple. To ensure correct positioning, a series-integrated laser first projects the label outline onto the product surface without distortion. The printing and application process is then started via a foot switch. The process is extremely ergonomic, as the user can comfortably and precisely hold the component in the desired position with both hands during the entire process. The actual labelling process takes only about 3-5 seconds, while manually applying the label takes about 15 – 20 seconds.

The repeat accuracy is also supported by ergonomic measures: thanks to adjustable stops on the base plate, similar components can be labelled even faster.

Like all printers in the Weidmüller MultiMark range, the THM MultiMark LPC can be configured using the M-Print® PRO software. It's compatible with various data formats and interfaces to eCAD systems and has a practical import function. The graphic user interface makes it easy to operate. Even graphics, barcodes and symbols can be easily combined with text. Complex project tasks can be clearly managed in a single project file.

The complete solution of printers, software and markers equips the user for all eventualities in panel building.

4270 characters including spaces

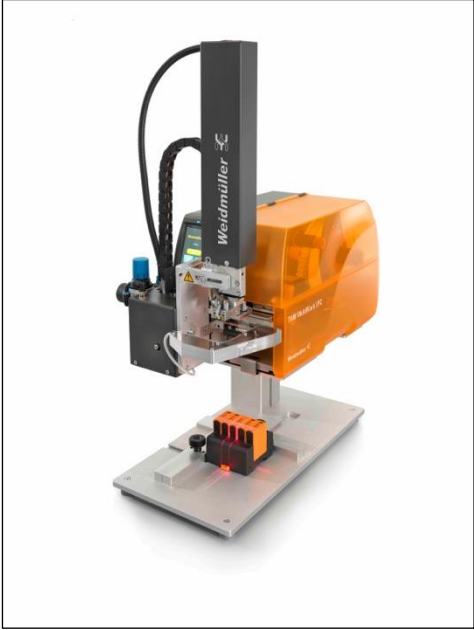


Image caption AP\_LPC\_HA\_1

The Weidmüller THM MultiMark LPC Labeling Processing Center for automated component labelling.



Image caption AP\_LPC\_Labelling\_Det\_1

The high-performance applicator automatically lifts the label from the liner and reliably attaches it to components up to 150 mm high.

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The Weidmüller Group has production facilities, marketing companies and representative offices in more than 80 countries. Together with our customers, we shape the digital transformation – with products, solutions and services for Smart Industrial Connectivity and the Industrial Internet of Things. In the fiscal year of 2021, Weidmüller reached sales of 960 million euros with around 5,300 employees.

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