

TOPMARK NEO - Laser marker



1012015

<https://www.phoenixcontact.com/pc/products/1012015>

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Laser marking system for the efficient marking of metal or plastic marking material from the LS..., UCT..., UC.../PP..., UM... product families.

Product description

The TOPMARK NEO is setting new standards in laser marking. This marking system creates laser markings to meet the highest standards in no time. With over 650 different materials, the TOPMARK NEO processes a comprehensive range of materials for marking terminal blocks, wires, cables, and devices. Marking materials made of stainless steel, aluminum, ABS, polyacrylic, polypropylene, and polycarbonate are available. Operation is easy, without the need for comprehensive prior knowledge. The user-friendly touch display enables you to operate the laser intuitively and quickly – without the need for specialist knowledge. This allows you to process a wide range of materials for the flexible marking of your application. With the unique material handling and integration into the desktop marking software from Phoenix Contact, the TOPMARK NEO is the fastest desktop laser marker in its class, with a speed of more than 250 labels per minute.

Scope of supply:

TOPMARK NEO laser marker with LS adapter plate incl. four magnets (1012104), LS retaining plate (0803478), type E and F power cables, LAN cable, and operating instructions with declaration of conformity.

Your advantages

- Maintenance-free operation, thanks to fiber laser technology
- Intuitive and time-saving operation using integrated marking software with a graphical user interface
- Minimal installation space: surface of only approx. two DIN-A3 sheets is required
- Rapid marking of plastic and metal plates for marking terminals, conductors, cables, devices, and plant marking
- Easy to control with the PROJECT COMPLETE software
- Laser class 1 in accordance with DIN EN 60825-1: no laser operative required
- For all UniCard (UCT) and LaserSheet (LS) materials
- High-quality, fast marking. Marking a UniCard in just 8 seconds
- The integrated material detection prevents incorrect markings

Commercial data

Item number	1012015
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	BG1251
Catalog page	Page 32 (C-3-2019)
GTIN	4055626487922
Weight per piece (including packing)	47 kg
Weight per piece (excluding packing)	47 kg

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Customs tariff number	84561190
Country of origin	DE

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Set consists of

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TMN-ADAPTER PLATE-LS - Adapter plate

1012104

<https://www.phoenixcontact.com/pc/products/1012104>



Adapter plate for LS materials incl. 4 magnets for spot securing of lightweight marking materials

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TMN-FRAME-LS - Holding plate

0803478

<https://www.phoenixcontact.com/pc/products/0803478>

Retaining plate for circumferentially securing lightweight marking materials



Technical data

Notes

Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
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Product properties

Product type	Printing system
Device properties	
Laser class	Laser class 1 according to EN 60825-1 classification
Laser system	Ytterbium fiber laser, pulsed, 1064 nm
CW laser power	20 W

Electrical properties

Power consumption	250 W
Supply	
Supply voltage range	100 V AC ... 240 V AC (50 Hz ... 60 Hz)

Interfaces

Interface	Ethernet 10/100 Mbps, dynamic IP/RS-232/USB host for USB stick
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Dimensions

Width	580 mm
Height	615 mm
Length	485 mm

Material specifications

Material	UC.../PP
	UCT
	UM
	LS

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	5 °C ... 35 °C
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Standards and regulations

Laser class	Laser class 1 according to EN 60825-1 classification
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Classifications

ECLASS

ECLASS-11.0	19140127
ECLASS-12.0	19140127
ECLASS-13.0	19140127

ETIM

ETIM 8.0	EC000610
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UNSPSC

UNSPSC 21.0	43212100
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Accessories

TMN-ADAPTER PLATE-LS - Adapter plate

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PROJECT COMPLETE - Software

1050453

<https://www.phoenixcontact.com/pc/products/1050453>



Intuitive planning and marking software for configuring terminal strips and for professional marking of marking materials for terminal blocks, conductors, cables, devices, and systems. The software is available for download

TMN-EXTRACTION - Cleaning set

1012102

<https://www.phoenixcontact.com/pc/products/1012102>



Filter and extraction unit for the efficient extraction of fumes and dust caused by TOPMARK NEO laser emissions.

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TMN-BP - Bypass module

1012081

<https://www.phoenixcontact.com/pc/products/1012081>

Bypass plug, D-SUB plug, 25-pos. for simulating an extraction unit



TOPMARK LASER STATION - Cart for printer

0831835

<https://www.phoenixcontact.com/pc/products/0831835>



Unit for accommodating the TOPMARK LASER or TOPMARK NEO with space for an extraction unit and a notebook

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TOPMARK LASER LPR - Washer/ring

0803435

<https://www.phoenixcontact.com/pc/products/0803435>

Protective screen for laser lens



TMN-HANDLE SET - Set

1012105

<https://www.phoenixcontact.com/pc/products/1012105>

Carrying handles for carrying the laser marker more easily



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TMN-TRANSPORT BOX - Original packaging

1012103

<https://www.phoenixcontact.com/pc/products/1012103>



Original packaging for transportation

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