TOPMARK NEO - Laser marker

1012015

https://www.phoenixcontact.com/us/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 labels for marking terminals, conductors, cables, devices, and plants
- Easy to control with the desktop marking software from Phoenix Contact
- 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
GTIN	4055626487922
Weight per piece (including packing)	47 kg
Weight per piece (excluding packing)	47 kg
Country of origin	DE

Set consists of

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TMN-ADAPTER PLATE-LS - Adapter plate

1012104

https://www.phoenixcontact.com/us/products/1012104



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

TMN-FRAME-LS - Holding plate

0803478

https://www.phoenixcontact.com/us/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

Product properties

Product type	Marking system
Scope of supply	TOPMARK NEO laser marker with LS adapter plate incl. 4 magnets (1012104), LS retaining plate (0803478), type E and F power cables, LAN cable, and operating instructions with declaration of conformity

Marking

Identification technology	Direct laser marking

Device properties

Laser class	Laser class 1 according to EN 60825-1 classification
Laser system	Ytterbium fiber laser, pulsed, 1064 nm
Operating system	MS Windows 10 (32/64-bit)
CW laser power	20 W

System properties

Operating system	MS Windows 10 (32/64-bit)

Electrical properties

Power consumption	250 W

Supply

Supply voltage range	100 V AC ... 240 V AC (50 Hz ... 60 Hz)

Dimensions

Width	580 mm
Height	615 mm
Length	485 mm

Material specifications

Material Plastic signs	UC.../PP
	UCT
	UM
	LS

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	5 °C ... 35 °C

Standards and regulations

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

Classifications

ECLASS

ECLASS-13.0	19140127
ECLASS-15.0	19140127

ETIM

ETIM 10.0	EC000610

UNSPSC

UNSPSC 21.0	43212100

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 6(c), 7(c)-I, 7(c)-II

China RoHS

Environment friendly use period (EFUP)	EFUP-10
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	d439dae6-2b61-414a-a8aa-d22d909604b7

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