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Applicator for the efficient printing and application of movable E-WM... markers on wires and cables in a single automated process step

Product description

To achieve maximum efficiency in wire and cable identification processes, combine a standard roll printer from the THERMOMARK E SERIES with the THERMOMARK E.WIRE applicator. This provides you with an automated printing and application system that enables you to achieve time savings of up to 70% compared to manual identification processes. Use the THERMOMARK E.WIRE to create movable markers for all types of cylindrical objects as well as twisted wires. Thanks to their triangular shape, they can be marked on all three sides. In this process, the THERMOMARK E.WIRE automatically measures the diameter of the cylindrical object, cuts the ready-printed E-WM... marking foil in continuous format to the appropriate length, places this around the cylindrical object, and then seals the marker shut with a hot-sealed joint. This results in a captive marker that is optimally tailored to the diameter and can also move radially and axially. Thanks to this unique system, all diameters between 1.8 mm/0.07" and 5.6 mm/0.22" can be marked efficiently using just one type of material.

Scope of supply:

THERMOMARK E.WIRE, TM E.WIRE/E.SLEEVE-PR pressure roller (1259203), multilingual packing slip

Your advantages

- Maximum efficiency: time savings of up to 70% compared to manual printing and application processes
- Consistently high level of efficiency over the entire working day through intuitive handling, which helps reduce costs
- Planning accuracy with regard to productivity and quality: in the case of order peaks, productivity can be increased significantly using the same number of employees
- Reduction in the number of user errors through intuitive step-by-step guidance along the entire identification process as well as automatic data processing from CAE systems and other popular file formats for data exchange
- The continuous format means that one material can cover all wire and cable diameters ranging from 1.8 mm ... 5.6 mm (0.07" ... 0.22"). It is therefore not necessary to change materials
- Easy and efficient handling, as the diameter of the cylindrical object is measured automatically and the size of the marker is optimally adjusted accordingly
- Thanks to the three-sided printing and sliding action of the markers on the wires/cables, the marking is clearly visible once installed
- Due to the triangular shape of the markers, different information can be printed on each of the three marking areas
- The very strong heat-sealed joint ensures that the markers remain captive
- The permanent identification of single-core wires, wires, cables, twisted cable bundles, and other cylindrical objects provides maximum flexibility
- Thanks to the intuitive operating concept and symmetrical structure, the applicator can be used ergonomically by both right- and left-handed users
- Quick and easy mounting of the applicator on the roll printer via hexagon screw
- The applicator is connected via the D-SUB interface on the roll printer and is detected automatically by the software

Commercial data

THERMOMARK E.WIRE - Applicator



1203216

<https://www.phoenixcontact.com/us/products/1203216>

Item number	1203216
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG01
Product key	BG122Z
GTIN	4063151268916
Weight per piece (including packing)	3,161 g
Weight per piece (excluding packing)	3,161 g
Customs tariff number	84433210
Country of origin	DE

1203216

<https://www.phoenixcontact.com/us/products/1203216>

Technical data

Product properties

Product type	Printing system accessories
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Marking technology

Device	1285306 THERMOMARK E.300
	1285310 THERMOMARK E.600
	1004303 THERMOMARK E.300 D
	1004304 THERMOMARK E.600 D
	1287026 THERMOMARK E.300 KIT
	1287031 THERMOMARK E.600 KIT
	1287038 THERMOMARK E.300 D KIT
	1287042 THERMOMARK E.600 D KIT
	1287021 THERMOMARK E.300 US
	1287029 THERMOMARK E.600 US
	1287033 THERMOMARK E.300 D US
	1287040 THERMOMARK E.600 D US
	1287020 THERMOMARK E.300 CN
	1287028 THERMOMARK E.600 CN
	1287032 THERMOMARK E.300 D CN
	1287039 THERMOMARK E.600 D CN
	1287022 THERMOMARK E.300 AR
1287030 THERMOMARK E.600 AR	
1287034 THERMOMARK E.300 D AR	

Electrical properties

Supply

Supply voltage range	24 V DC
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Dimensions

Width	239 mm
Height	179 mm
Length	237 mm

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	5 °C ... 35 °C
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THERMOMARK E.WIRE - Applicator



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1203216>



cULus Recognized
Approval ID: E140403

THERMOMARK E.WIRE - Applicator



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Classifications

ECLASS

ECLASS-11.0	19140192
ECLASS-12.0	19140192
ECLASS-13.0	19140192

ETIM

ETIM 8.0	EC001675
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THERMOMARK E.WIRE - Applicator

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Accessories

THERMOMARK E.300 US - Thermal transfer printer

1287021

<https://www.phoenixcontact.com/us/products/1287021>



Thermal transfer printer for printing all materials in roll format with a print resolution of 300 dpi. Suitable for long-term use in production and for large print volumes, as large rolls can also be processed.

THERMOMARK E.600 US - Thermal transfer printer

1287029

<https://www.phoenixcontact.com/us/products/1287029>



Thermal transfer printer for printing all materials in roll format with a print resolution of 600 dpi. Suitable for long-term use in production and for large print volumes, as large rolls can also be processed.

THERMOMARK E.WIRE - Applicator

1203216

<https://www.phoenixcontact.com/us/products/1203216>



THERMOMARK E.300 D US - Thermal transfer printer

1287033

<https://www.phoenixcontact.com/us/products/1287033>



Thermal transfer printer with internal rewinder for printing all materials in roll format with a print resolution of 300 dpi. Suitable for long-term use in production and for large print volumes, as large rolls can also be processed.

THERMOMARK E.600 D US - Thermal transfer printer

1287040

<https://www.phoenixcontact.com/us/products/1287040>



Thermal transfer printer with internal rewinder for printing all materials in roll format with a print resolution of 600 dpi. Suitable for long-term use in production and for large print volumes, as large rolls can also be processed.

THERMOMARK E.WIRE - Applicator



1203216

<https://www.phoenixcontact.com/us/products/1203216>

TM E.WIRE/E.SLEEVE-PR - Pressure roller

1259203

<https://www.phoenixcontact.com/us/products/1259203>



Pressure roller for all E-WM... and E-WMS... materials (for material width of up to 30 mm/1.18")

TM E.WIRE-CARDBOARD BOX - Original packaging

1371339

<https://www.phoenixcontact.com/us/products/1371339>



Original packaging incl. inlay for safe transportation of the THERMOMARK E. WIRE

THERMOMARK E.WIRE - Applicator

1203216

<https://www.phoenixcontact.com/us/products/1203216>



TM-RIBBON 30 BK 103 - Ink ribbon

1309076

<https://www.phoenixcontact.com/us/products/1309076>



Ink ribbon, for the E-WM... product group in combination with the THERMOMARK E.WIRE applicator, roll length: 300 m, width: 34 mm, color: black

THERMOMARK E SERIES CASE - Case

1450747

<https://www.phoenixcontact.com/us/products/1450747>



Transport case for the E.SLEEVE, E.VARIO, E.WIRE, and E.WRAP applicators of the THERMOMARK E SERIES and their accessories.

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