

# MM-WMS 9,5 (EX16)R C1 YE/BK - Shrink sleeve



1116142

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Shrink sleeve, Roll, yellow/black, unlabeled, can be labeled with: THERMOMARK GO, THERMOMARK GO.K, THERMOFOX, mounting type: slide-on, cable diameter range: 3.2 ... 9.5 mm, Number of individual labels: 1, text field height: 12.8 mm, text field width: 1800 mm

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## Your advantages

- High-quality and solvent-resistant marking solution for industrial applications that is created by means of thermal transfer printing
- Thanks to the continuous format, a shrink sleeve marker of the appropriate length can be created flexibly for the relevant application
- Easy and efficient material cartridge system: Includes both the material to be printed and the corresponding ink ribbon
- No visible difference between retrospective marking and existing markings created with a desktop roll printer
- The shrink sleeve material provides additional electrical insulation and mechanical protection for conductors
- The conductor to be marked is simply threaded through the sleeve and fixed by shrinking the sleeve
- The material is cUL certified

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## Technical data

### Product properties

Product type	Conductor marking
Area of application	Railway industry
Type	Shrink sleeve

### Data management status

Article revision	00
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### Marking

Number of individual labels	1
Number of individual labels per row	1
Identification technology	Thermal transfer

### Dimensions

Text field width	1800.00 mm
Height	16.8 mm
Text field height	12.80 mm
Length	1.8 m

### Material specifications

Color	multicolored
	yellow (RAL 1018)
	black (RAL 9005)
Material	Polyolefine
Base element material	polyolefine
Shrink rate	3:1
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 3
Components	free from silicone, halogen, and cadmium

### Cable/line

External cable diameter	3.2 mm ... 9.5 mm
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### Environmental and real-life conditions

#### Test for substances that would hinder coating with paint or varnish

Result	Test passed
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#### UV resistance

Specification	ISO 4892-2:2013-03 (following)
Result	Test passed
Test duration	96 h

#### Wipe resistance of inscriptions

Specification	DIN EN 61010-1 (VDE 0411-1):2011-07
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	DIN EN 62208 (VDE 0660-511):2012-06 (in parts)
Isopropyl [CAS No. 67-63-0]	Test passed
n-Hexane [CAS No. 110-54-3]	Test passed
Water + Petroleum ether [CAS No. 64742-82-1]	Test passed

## Testing in a condensation changing climate in the presence of sulfur dioxide

Specification	DIN 50018:2013-05
Result	Test passed
Climate level	AHT 1.0 S
Cycles	2

## Salt spray test

Specification	DIN EN 60068-2-11:2000-02
Result	Test passed

## Ambient conditions

Ambient temperature (operation)	-55 °C ... 125 °C
Recommended ambient temperature (storage/transport)	23 °C
Recommended humidity (storage/transport)	50 % (Storage in a dry and dark place in the original packaging is recommended)
Shelf life	24 months

## Mounting

Mounting type	slide-on
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