

# WML 5 (25X10)R YE CUS - Cable marker



0830680

<https://www.phoenixcontact.com/us/products/0830680>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Cable marker, Roll, can be ordered: by line, yellow (RAL 1018), labeled according to customer specifications, cable diameter range: 3.2 ... 5.1 mm, mounting type: adhesive, cable diameter:  $\leq$  5.1 mm, Number of individual labels: 3000, text field height: 10 mm, text field width: 25 mm

## Your advantages

- All WML ... cable marker labels can also be supplied labeled according to customer requirements

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 0830680                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Product key                          | BG8131                         |
| GTIN                                 | 4046356718554                  |
| Weight per piece (including packing) | 1.99 g                         |
| Weight per piece (excluding packing) | 1.99 g                         |
| Country of origin                    | PL                             |

# WML 5 (25X10)R YE CUS - Cable marker



0830680

<https://www.phoenixcontact.com/us/products/0830680>

## Technical data

### Product properties

|              |                  |
|--------------|------------------|
| Product type | Conductor marker |
|--------------|------------------|

### Marking

|                                     |                |
|-------------------------------------|----------------|
| Number of individual labels         | 3000           |
| Number of individual labels per row | 3              |
| Slot type                           | Label          |
| Identification technology           | Thermotransfer |

### Dimensions

|        |         |
|--------|---------|
| Width  | 2.4 mm  |
| Length | 25.4 mm |

### Text field

|                   |       |
|-------------------|-------|
| Text field width  | 25 mm |
| Text field height | 10 mm |

### Material specifications

|                       |                   |
|-----------------------|-------------------|
| Foil strength         | 80 µm             |
| Adhesive strength     | 21 µm             |
| Adhesive              | Acrylic           |
| Color                 | yellow (RAL 1018) |
| Material              | PVC               |
| Base element material | PVC               |
| Components            | Silicone-free     |

### Cable/line

|                         |                   |
|-------------------------|-------------------|
| External cable diameter | ≤ 5.10 mm         |
|                         | 3.2 mm ... 5.1 mm |

### Environmental and real-life conditions

#### Ambient conditions

|                                                     |                                                                                 |
|-----------------------------------------------------|---------------------------------------------------------------------------------|
| Ambient temperature (operation)                     | -40 °C ... 80 °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) |

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

|                                                                   |                         |
|-------------------------------------------------------------------|-------------------------|
| Testing for paint wetting impairment substances (LABS-conformity) | VDMA 24364-A1-L:2018-05 |
| Result                                                            | Test passed             |

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

|                                                        |                      |
|--------------------------------------------------------|----------------------|
| Testing for paint wetting impairment substances (LABS- | VW PV 3.10.7:2005-02 |
|--------------------------------------------------------|----------------------|

# WML 5 (25X10)R YE CUS - Cable marker



0830680

<https://www.phoenixcontact.com/us/products/0830680>

|             |             |
|-------------|-------------|
| conformity) |             |
| Result      | Test passed |

## Scratch resistance

|               |                                |
|---------------|--------------------------------|
| Specification | EN ISO 1518-1:2023 (following) |
| Requirements  | ≥ 5 N                          |
| Result        | Test passed                    |

## Tesafilem test

|               |                                     |
|---------------|-------------------------------------|
| Specification | DIN EN ISO 2409:2020-12 (following) |
| Result        | Test passed                         |

## UV resistance

|               |                                       |
|---------------|---------------------------------------|
| Specification | DIN EN ISO 4892-2:2021-11 (following) |
| Result        | Test passed                           |
| Test duration | 96 h                                  |
| Procedure     | Artificial irradiation.               |

## Temperature resistance

|                        |                                 |
|------------------------|---------------------------------|
| Specification          | ANSI/UL 969-2018:03 (following) |
| Test duration          | 240 h                           |
| Rating 100 °C (121 °C) | Test passed                     |

## Wipe resistance of inscriptions

|                                                   |                                                |
|---------------------------------------------------|------------------------------------------------|
| Specification                                     | DIN EN 61010-1 (VDE 0411-01):2020-03           |
|                                                   | DIN EN 62208 (VDE 0660-511):2012-06 (in parts) |
| Isopropanol (99%) [67-63-0]                       | Test passed                                    |
| n-Hexane<br>[CAS No. 110-54-3]                    | Test passed                                    |
| Water + Petroleum ether<br>[CAS No. 64742-82-1]   | Test passed                                    |
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed                                    |
| Ethanol (99 %)<br>[CAS No. 64-17-5]               | Test passed                                    |
| Acetone (99 %)<br>[CAS No. 67-64-1]               | Test passed                                    |

## Immersion in chemicals, oil & fuel

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Specification                                     | ISO 175:2010 (following) |
| Test duration                                     | 168 h                    |
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed              |
| Saltwater (saturated 350 g/l)<br>[CAS No. - ]     | Test passed              |
| Ethanol (99 %)<br>[CAS No. 64-17-5]               | Test passed              |
| Diesel<br>[CAS No. 68476-34-6]                    | Test passed              |

# WML 5 (25X10)R YE CUS - Cable marker



0830680

<https://www.phoenixcontact.com/us/products/0830680>

|         |             |
|---------|-------------|
| IRM 901 | Test passed |
| IRM 902 | Test passed |
| IRM 903 | Test passed |

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

|               |                      |
|---------------|----------------------|
| Specification | EN ISO 22479:2022-06 |
| Result        | Test passed          |
| Procedure     | Method B             |
| Cycles        | 2                    |

## Salt spray test

|               |                                               |
|---------------|-----------------------------------------------|
| Specification | DIN EN IEC 60068-2-11 (VDE 0468-2-11):2022-10 |
| Result        | Test passed                                   |
| Test duration | 96 h                                          |

## Standards and regulations

|                 |                             |
|-----------------|-----------------------------|
| Wipe resistance | DIN EN 61010-1 (VDE 0411-1) |
|-----------------|-----------------------------|

## Mounting

|               |          |
|---------------|----------|
| Mounting type | adhesive |
|---------------|----------|

# WML 5 (25X10)R YE CUS - Cable marker



0830680

<https://www.phoenixcontact.com/us/products/0830680>

## Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/0830680>



**UL Recognized**

Approval ID: MH48542

# WML 5 (25X10)R YE CUS - Cable marker



0830680

<https://www.phoenixcontact.com/us/products/0830680>

## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27281102 |
| ECLASS-15.0 | 27281102 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC001530 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39131500 |
|-------------|----------|

# WML 5 (25X10)R YE CUS - Cable marker



0830680

<https://www.phoenixcontact.com/us/products/0830680>

## Environmental product compliance

### EU RoHS

|                                         |                    |
|-----------------------------------------|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|-----------------------------------------|--------------------|

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)