

# PML-W300 (105X52)R CUS - Warning label



0830501

<https://www.phoenixcontact.com/us/products/0830501>

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Warning label, can be ordered: by line, Mixed color, labeled according to customer specifications, mounting type: adhesive, diameter: 0 mm, text field height: 52 mm, text field width: 105 mm

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 0830501                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Product key                          | BG8151                         |
| GTIN                                 | 4046356718134                  |
| Weight per piece (including packing) | 1.99 g                         |
| Weight per piece (excluding packing) | 1.99 g                         |
| Country of origin                    | PL                             |

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## Technical data

### Product properties

|                     |  |
|---------------------|--|
| Product type        | Plant marker                                 |
| Area of application | Warning identification according to ISO 7010 |
| Type                | Rectangle                                    |

### Marking

|                                     |   |
|-------------------------------------|---|
| Number of individual labels per row | 1 |
|-------------------------------------|---|

### Dimensions

|        |           |
|--------|-----------|
| Width  | 105.00 mm |
| Height | 52.50 mm  |
| Depth  | 0.08 mm   |
| Length | 52 mm     |

### Text field

|                   |        |
|-------------------|--------|
| Text field width  | 105 mm |
| Text field height | 52 mm  |

### Material specifications

|                       |   |
|-----------------------|---|
| Foil strength         | 60 µm   |
| Adhesive strength     | 25 µm   |
| Adhesive              | Acrylic   |
| Color                 | multicolored (RAL -)<br>yellow (RAL 1018)<br>black (RAL 9005) |
| Base element material | PVC   |
| Components            | Silicone-free   |

### Environmental and real-life conditions

#### Ambient conditions

|   |  |
|---|--|
| Ambient temperature (operation)                     | -40 °C ... 100 °C  |
| Recommended ambient temperature (storage/transport) | 22 °C  |
| Recommended humidity (storage/transport)            | 50 % ... 55 % (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) | VW PV 3.10.7:2005-02 |
| Result  | Test passed          |

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

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

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## Scratch resistance

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

## Tesafilm 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 storage

|                         |                       |
|-------------------------|-----------------------|
| Specification           | IEC 60068-2-2:2007-07 |
| Result                  | Test passed           |
| Procedure               | Test Bb               |
| Duration                | 96 h                  |
| Temperature for testing | 87 °C                 |

## 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<br>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  |

## 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              |

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|                                     |             |
|-------------------------------------|-------------|
| Ethanol (99 %)<br>[CAS No. 64-17-5] | Test passed |
| Diesel<br>[CAS No. 68476-34-6]      | Test passed |
| 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 | DIN EN ISO 22479:2022-08 |
| 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  |

## Mounting

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

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 40200203 |
| ECLASS-15.0 | 40200203 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC001777 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 55121700 |
|-------------|----------|

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## 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% |
|-------------------------------------|----------------------------|

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