

# SD-WMS 10 (CH)R YE:F - Wire marking tag



0826255:F

<https://www.phoenixcontact.com/us/products/0826255:F>

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Wire marking tag, labeled with the capital letter: F, lettering field size: 6.6 x 4.3 mm, yellow, mounting type: thread on

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 0826255:F     |
| Packing unit                         | 250 pc        |
| Minimum order quantity               | 250 pc        |
| Product key                          | BG2221        |
| GTIN                                 | 4046356425469 |
| Weight per piece (including packing) | 0.309 g       |
| Weight per piece (excluding packing) | 0.156 g       |
| Country of origin                    | SE            |

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## Technical data

### Product properties

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

### Marking

|           |         |
|-----------|---------|
| Printing  | F       |
| Slot type | Profile |

### Dimensions

|        |         |
|--------|---------|
| Width  | 4.2 mm  |
| Height | 9.5 mm  |
| Length | 6.60 mm |

### External dimensions

|                  |                |
|------------------|----------------|
| Outside diameter | 4 mm ... 10 mm |
|------------------|----------------|

### Material specifications

|  |                                |
|--|--------------------------------|
| Color                                  | yellow (RAL 1018)              |
| Material                               | Polyvinyl chloride             |
| Flammability rating according to UL 94 | V0                             |
| Base element material                  | PVC                            |
| Components                             | Free from silicone and cadmium |

### Cable/line

|                         |                |
|-------------------------|----------------|
| External cable diameter | 4 mm ... 10 mm |
|-------------------------|----------------|

### Environmental and real-life conditions

#### Ambient conditions

|   |   |
|---|---|
| Ambient temperature (operation)                     | -30 °C ... 60 °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             |

#### 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) |
|---------------|-------------------------------------|

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|        |             |
|--------|-------------|
| 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 | 105 °C                |

## Temperature resistance

|                       |                                 |
|-----------------------|---------------------------------|
| Specification         | ANSI/UL 969-2018:03 (following) |
| Test duration         | 240 h                           |
| Rating 80 °C (105 °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              |
| Ethanol (99 %)<br>[CAS No. 64-17-5]               | Test passed              |
| Gasoline<br>[CAS No. 64742-49-0]                  | Test passed              |
| Diesel<br>[CAS No. 68476-34-6]                    | Test passed              |
| IRM 901   | Test passed              |
| IRM 902   | Test passed              |
| IRM 903   | Test passed              |

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## 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  |

## Standards and regulations

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

## Mounting

|               |           |
|---------------|-----------|
| Mounting type | thread on |
|---------------|-----------|

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## Classifications

### ECLASS

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

### ETIM

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

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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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