

# RM-00000001300 - Housing for circular connector



1605029

<https://www.phoenixcontact.com/us/products/1605029>

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Housing for circular connector, series: RM, straight, Screw locking mechanism, M23, shielded: no, this item is expected to be lead-free from Q1 2027 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1605029       |
| Packing unit                         | 20 pc         |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AB31          |
| Product key                          | ABRAFE        |
| GTIN                                 | 4046356250023 |
| Weight per piece (including packing) | 67.31 g       |
| Weight per piece (excluding packing) | 61.86 g       |
| Customs tariff number                | 85366990      |
| Country of origin                    | DE            |

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## Technical data

### Product properties

|              |                            |
|--------------|----------------------------|
| Product type | Circular connector housing |
| Series       | RM                         |
| Application  | Signal                     |
| Shielded     | no                         |
| Thread type  | M23                        |

### Material specifications

|                          |       |
|--------------------------|-------|
| Material Housing         | GD-Zn |
| Material Housing surface | Ni    |
| Material Rotating parts  | CuZn  |
| Material Seal            | FPM   |

### Connector

|      |          |
|------|----------|
| Type | straight |
|------|----------|

### Environmental and real-life conditions

#### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Degree of protection            | IP65              |
|                                 | IP67              |
| Ambient temperature (operation) | -20 °C ... 125 °C |
| Altitude                        | 2000 m            |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440224 |
| ECLASS-15.0 | 27440224 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC003556 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 31261500 |
|-------------|----------|

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## Environmental product compliance

### EU RoHS

|                                         |      |
|-----------------------------------------|------|
| Fulfills EU RoHS substance requirements | Yes  |
| Exemption                               | 6(c) |

### China RoHS

|                                        |                                                                                                                                                                                                                                   |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environment friendly use period (EFUP) | EFUP-50                                                                                                                                                                                                                           |
|                                        | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

### EU REACH SVHC

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: n/a)                       |
| SCIP                                | 16bd012d-9820-448a-bb50-b0889cf553f0 |

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