

# RC-12P2N8AC3K5 - Rear panel feed-through



1598252

<https://www.phoenixcontact.com/us/products/1598252>

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M23, Rear panel feed-through, application: Signal, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 12, Direction of rotation: Counter direction, contact connection type: Pin, Crimp connection, Radial O-ring, Panel thickness max.: 2.5 mm, coding: N. This product is in the process of being discontinued. This product must no longer be considered for new projects. Please contact your sales representative for alternatives.

The figure shows the product with assembled crimp contacts. Please order crimp contacts separately.

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1598252       |
| Packing unit                         | 20 pc         |
| Minimum order quantity               | 1 pc          |
| Product key                          | ABRAFJ        |
| GTIN                                 | 4046356219921 |
| Weight per piece (including packing) | 82 g          |
| Weight per piece (excluding packing) | 78.173 g      |
| Country of origin                    | DE            |

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## Technical data

### Notes

|                    |  |
|--------------------|--|
| Order information: | Order crimp contacts Ø 1 mm separately |
|--------------------|--|

### Product properties

|              |                                   |
|--------------|-----------------------------------|
| Product type | Circular connectors (device side) |
|--------------|-----------------------------------|

### Connector

#### Insulating body

|   |   |
|---|---|
| Note                                    | Order information: Order crimp contacts Ø 1 mm separately |
| Coding                                  | N   |
| Material (Insulating body)              | PA 6.6  |
| Connection method                       | Crimp connection  |
| Contact switching type                  | Pin   |
| Application                             | Signal  |
| Number of positions                     | 12  |
| Direction of rotation                   | Counter direction   |
| Connection profile                      | 12  |
| Number (Contact group 1)                | 12  |
| Contact diameter (Contact group 1)      | 1 mm  |
| Rated current Contact (Contact group 1) | 8 A (for max. connection cross section)                   |
| Rated voltage Contact (Contact group 1) | 48 V AC<br>74 V DC  |
| Rated surge voltage                     | 1.5 kV  |
| Overvoltage category                    | III   |
| Degree of pollution                     | 3   |

#### Housing

|                                   |  |
|-----------------------------------|--|
| Order information:                | Order contact inserts and cable clamping/shield accessories separately |
| Type                              | Feed-through header  |
| Thread type                       | M23  |
| Design                            | straight   |
| Type of locking                   | Screw locking mechanism  |
| Pg screw connection               | none   |
| Mounting type                     | Rear mounting/square flange (4x M3)                                    |
| Housing material                  | Metal  |
| Degree of protection (plugged in) | IP67   |
| Seal for the device               | Radial O-ring  |

## Environmental and real-life conditions

### Ambient conditions

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|  |
|--|
| Permissible humidity (storage/transport) |
|--|

|               |
|---------------|
| 50 % ... 65 % |
|---------------|

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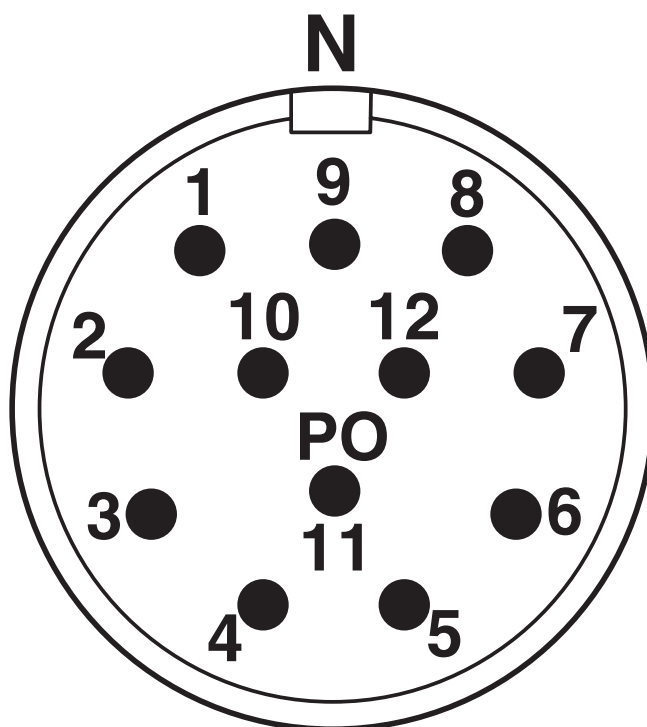


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## Drawings

Schematic diagram



Connector pin assignment

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440109 |
| ECLASS-15.0 | 27440109 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC003569 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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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: 7439-92-1)                 |
| SCIP                                | 7e0c65a1-1571-4990-b5c4-45df72f21ac0 |

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