

# RC-12S2S8A90FZ - Coupler connector



1618390  
<https://www.phoenixcontact.com/us/products/1618390>

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M23, Coupler connector, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 12, Direction of rotation: Counter direction, contact connection type: Socket, Crimp connection

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1618390                        |
| Packing unit                         | 20 pc                          |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Product key                          | ABRAFG                         |
| GTIN                                 | 4055626006642                  |
| Weight per piece (including packing) | 66.66 g                        |
| Weight per piece (excluding packing) | 66.66 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 connector (cable-side) |
|--------------|---------------------------------|

### Connector

#### Insulating body

|                                         |                                                           |
|-----------------------------------------|-----------------------------------------------------------|
| Note                                    | Order information: Order crimp contacts Ø 1 mm separately |
| Connection method                       | Crimp connection                                          |
| Contact switching type                  | Socket                                                    |
| Application                             | Signal                                                    |
| Number of positions                     | 12                                                        |
| Direction of rotation                   | Counter direction                                         |
| Connection profile                      | 12                                                        |
| 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

|                                   |                         |
|-----------------------------------|-------------------------|
| Type                              | Coupling housing        |
| Thread type                       | M23                     |
| Design                            | straight                |
| Type of locking                   | Screw locking mechanism |
| Pg screw connection               | none                    |
| Material (Housing)                | GD-Zn                   |
| Material (Housing surface)        | Ni                      |
| Material (Rotating parts)         | CuZn                    |
| Degree of protection (plugged in) | IP67                    |

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## Drawings

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