

## Coupler connector - RF-12P2S8A90DU - 1607267

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Coupler connector, straight, Screw locking, M23, Number of positions: 12, Type of contact: Male connector, Crimp connection, Shielded: Yes, Cable cross section: 5 mm...13.2 mm

The figure shows the product version with standard contact chamber numbering



### Key commercial data

|                                      |            |
|--------------------------------------|------------|
| Packing unit                         | 1 PCE      |
| Weight per Piece (excluding packing) | 114.75 GRM |
| Custom tariff number                 | 85366990   |
| Country of origin                    | Germany    |

### Technical data

#### General

|  |  |
|--|--|
| Note   | Order information Order crimp contacts Ø 1 mm separately |
| Type of locking                                    | Screw locking  |
| Direction of rotation of contact chamber numbering | Counter direction  |
| Coding   | S  |
| Contact connection method                          | Crimp connection   |
| Type of contacts                                   | Male connector   |
| Number of positions                                | 12   |
| Contact diameter of power contacts                 | 1 mm   |
| Nominal current per power contact at 25°C          | 8 A  |
| Conductor entry                                    | 5 mm ... 13.2 mm   |

#### Ambient conditions

|                      |                   |
|----------------------|-------------------|
| Ambient temperature  | -20 °C ... 125 °C |
| Degree of protection | IP67              |

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## Technical data

### Material

|                            |  |
|----------------------------|--|
| Housing material           | Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn) |
| Insulator material         | PA 66  |
| Gasket and O-ring material | FPM  |

### Specifications according to DIN EN 61984:2001

|   |        |
|---|--------|
| Installation height max.                      | 2000 m |
| Nominal / operating voltage of power contacts | 150 V  |
| Rated surge voltage of power contacts         | 2.5 kV |
| Surge voltage category of power contacts      | III    |
| Pollution degree of power contacts            | 3      |
| Surge voltage category of signal contacts     | III    |
| Pollution degree of signal contacts           | 3      |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260708 |
| eCl@ss 7.0 | 27440312 |
| eCl@ss 8.0 | 27440312 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC001121 |
| ETIM 5.0 | EC002641 |

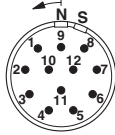
### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11     | 43172015 |
| UNSPSC 12.01  | 43201404 |
| UNSPSC 13.2   | 43201404 |

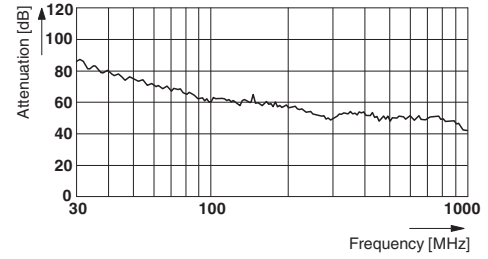
## Drawings

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Schematic diagram



Diagram



Dimensioned drawing

