

# Coupler connector - RF-16S1N8A9002 - 1613781

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Coupler connector, straight, Screw locking, M23, Number of positions: 16, Type of contact: Socket, Crimp connection, Shielded: Yes, Cable cross section: 6 mm...10 mm

The figure shows the 12-pos. product version



#### Key commercial data

| Packing unit         | 11       |
|----------------------|----------|
| 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 | Standard   |
| Coding   | N  |
| Contact connection method                          | Crimp connection   |
| Type of contacts                                   | Socket   |
| Number of positions                                | 16   |
| Contact diameter of power contacts                 | 1 mm   |
| Nominal current per power contact at 25°C          | 8 A  |
| Conductor entry                                    | 6 mm 10 mm   |

#### Ambient conditions

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

#### Material

| Housing material | Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn) |
|------------------|--|



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### Technical data

#### Material

| 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 | 100 V  |
| Rated surge voltage of power contacts         | 1.5 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 | EC002635 |

#### **UNSPSC**

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

### Drawings

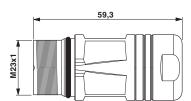


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Schematic diagram



Dimensioned drawing



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