

## Device connector, front mounting - RC-09S2N122200 - 1596549

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Device connector for front wall, straight, shielded: yes, Screw locking, M23, No. of pos.: 8+1, type of contact: Socket, Solder connection, Flat gasket, 4x Ø2,7, flange dimensions: 25 mm x 25 mm, Panel thickness min.: 1 mm

The figure shows the 12-pos. product version with standard contact chamber numbering

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 40 pc                                                                                                   |
| GTIN         | <br>4 046356 211765 |
| GTIN         | 4046356211765                                                                                           |

### Technical data

#### Data of the insulating body

|                                                |                      |
|------------------------------------------------|----------------------|
| Coding                                         | N                    |
| Insertion/withdrawal cycles mechanical         | 50                   |
| Contact connection method                      | Solder connection    |
| Type of contacts                               | Socket               |
| Application                                    | Signal               |
| Number of positions                            | 9                    |
| Contact diameter of power contacts             | 2 mm                 |
| Litz wire cross section of power contacts min. | 0.08 mm <sup>2</sup> |
| Litz wire cross section of power contacts max. | 2.5 mm <sup>2</sup>  |
| Nominal current per power contact at 25°C      | 20 A                 |
| Nominal voltage, power contact                 | 300 V                |
| Rated surge voltage                            | 2.5 kV               |
| Overvoltage category                           | II                   |
| Degree of pollution                            | 3                    |
| Contact diameter of signal contacts            | 1 mm                 |

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### Technical data

#### Data of the insulating body

|                                                 |                      |
|-------------------------------------------------|----------------------|
| Litz wire cross section of signal contacts min. | 0.08 mm <sup>2</sup> |
| Litz wire cross section of signal contacts max. | 1 mm <sup>2</sup>    |
| Nominal current per signal contact at 25°C      | 8 A                  |
| Nominal voltage, signal contact                 | 300 V                |
| Overvoltage category                            | II                   |
| Degree of pollution                             | 3                    |

#### Housing data

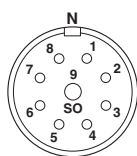
|                                        |               |
|----------------------------------------|---------------|
| Housing material                       | Metal         |
| Flange dimensions                      | 25 mm x 25 mm |
| Type of locking                        | Screw locking |
| Degree of protection (when plugged in) | IP67          |
| Thread type                            | M23           |

#### Environmental Product Compliance

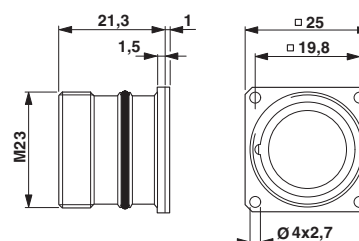
|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                      |
| China RoHS | Environmentally Friendly Use Period = 50                                                            |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

### Drawings

Schematic diagram

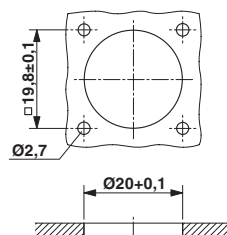


Dimensional drawing



RC-00000002200  
Flat gasket

Dimensional drawing



#### Installation dimensions

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Flat gasket, radial O-ring

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