

## Cable connector - RC-12S2N8A80G5 - 1600140

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Cable connector, straight, shielded: yes, Screw locking, M23, No. of pos.: 12, type of contact: Socket, Crimp connection, cable diameter range: 6.5 mm ... 7.5 mm

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

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 20 pc                                                                                                   |
| GTIN         | <br>4 046356 228763 |
| GTIN         | 4046356228763                                                                                           |

### Technical data

#### Data of the insulating body

|                                           |                                                           |
|-------------------------------------------|-----------------------------------------------------------|
| Note                                      | Order information: Order crimp contacts Ø 1 mm separately |
| Coding                                    | N                                                         |
| Contact connection method                 | Crimp connection                                          |
| Type of contacts                          | Socket                                                    |
| Application                               | Signal                                                    |
| Number of positions                       | 12                                                        |
| Contact diameter of power contacts        | 1 mm                                                      |
| Nominal current per power contact at 25°C | 8 A                                                       |
| Nominal voltage, power contact            | 150 V                                                     |
| Rated surge voltage                       | 1.5 kV                                                    |
| Overvoltage category                      | II                                                        |
| Degree of pollution                       | 3                                                         |
| Overvoltage category                      | II                                                        |
| Degree of pollution                       | 3                                                         |

#### Housing data

Cable connector - RC-12S2N8A80G5 - 1600140

Technical data

Housing data

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

Cable seal data

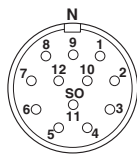
|                           |                   |
|---------------------------|-------------------|
| Cable diameter            | 6.5 mm ... 7.5 mm |
| Litz wire bundle diameter | 6.2 mm            |

Environmental Product Compliance

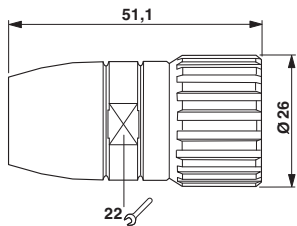
|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                      |
| 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



Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

|     |                                                                                     |         |
|-----|-------------------------------------------------------------------------------------|---------|
| EAC |  | B.01742 |
|-----|-------------------------------------------------------------------------------------|---------|

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