

Cable connector - RC-12S1N8A80ZS - 1616882

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Cable connector, straight, Screw locking, M23, number of positions: 17, type of contact: Socket, Crimp connection, shielded: yes, cable diameter range: 3 mm ... 10.5 mm



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 pc |
| GTIN |  4 046356 586023 |
| GTIN | 4046356586023 |

Technical data

General

| | |
|--|------------------|
| 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 | 12 |
| Contact diameter of power contacts | 1 mm |
| Nominal current per power contact at 25°C | 8 A |
| Conductor entry | 3 mm ... 10.5 mm |
| Pg housing screw connection | none |

Ambient conditions

| | |
|----------------------|------|
| Degree of protection | IP67 |
|----------------------|------|

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 | 1.5 kV |
| Overvoltage category of power contacts | II |

Cable connector - RC-12S1N8A80ZS - 1616882

Technical data

Specifications according to DIN EN 61984:2001

| | |
|---|----|
| Degree of pollution of power contacts | 3 |
| Overvoltage category of signal contacts | II |
| Degree of pollution of signal contacts | 3 |

General

| | |
|--|---|
| Note | Order information: Order crimp contacts Ø 1 mm separately |
| Direction of rotation of contact chamber numbering | Standard |
| Coding | N |
| Contact connection method | Crimp connection |
| Type of contacts | Socket |
| Number of positions | 12 |
| Contact diameter of power contacts | 1 mm |
| Nominal current per power contact at 25°C | 8 A |

Ambient conditions

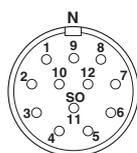
| | |
|----------------------|-------------------|
| Ambient temperature | -20 °C ... 125 °C |
| Degree of protection | IP67 |

Environmental Product Compliance

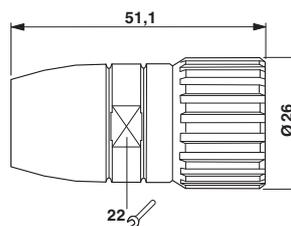
| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

Schematic diagram



Dimensional drawing



Approvals

Approvals

Approvals

EAC

Cable connector - RC-12S1N8A80ZS - 1616882

Approvals

Ex Approvals

Approval details

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



Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>