

## Cable connector - RC-06S1Y8A80EK - 1610292

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, shielded: yes, Screw locking, M23, No. of pos.: 6, type of contact: Socket, Crimp connection, cable diameter range: 3 mm ... 10.5 mm

The figure shows the 12-pos.  
product version

**RoHS**

### Key Commercial Data

|              |                                                                                      |
|--------------|--------------------------------------------------------------------------------------|
| Packing unit | 20 pc                                                                                |
| GTIN         |  |
| GTIN         | 4046356262996                                                                        |

### Technical data

#### Data of the insulating body

|                                           |                                                           |
|-------------------------------------------|-----------------------------------------------------------|
| Note                                      | Order information: Order crimp contacts Ø 2 mm separately |
| Coding                                    | Y                                                         |
| Contact connection method                 | Crimp connection                                          |
| Type of contacts                          | Socket                                                    |
| Application                               | Signal                                                    |
| Number of positions                       | 6                                                         |
| Contact diameter of power contacts        | 2 mm                                                      |
| 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                                                         |
| Overvoltage category                      | II                                                        |
| Degree of pollution                       | 3                                                         |

#### Housing data

|                  |       |
|------------------|-------|
| Housing material | Metal |
|------------------|-------|

Cable connector - RC-06S1Y8A80EK - 1610292

Technical data

Housing data

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

Cable seal data

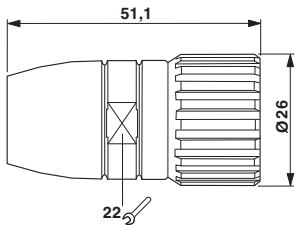
|                  |                  |
|------------------|------------------|
| Cable diameter   | 3 mm ... 10.5 mm |
| Sealing material | NBR              |

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

Dimensional drawing



Approvals

Approvals

Approvals

EAC

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>

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1610292](#)