

## Cable connector - RC-12S1N128063 - 1598601

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.: 12, type of contact: Socket, Solder connection, cable diameter range: 5.5 mm ... 6.5 mm



### Key Commercial Data

Packing unit	20 pc
GTIN	
GTIN	4046356221580

### 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	12
Contact diameter of power contacts	1 mm
Litz wire cross section of power contacts min.	0.08 mm <sup>2</sup>
Litz wire cross section of power contacts max.	1 mm <sup>2</sup>
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-12S1N128063 - 1598601

## 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

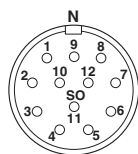
Cable diameter	5.5 mm ... 6.5 mm
Litz wire bundle diameter	5.2 mm

### Environmental Product Compliance

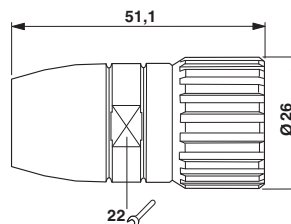
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Schematic diagram



Dimensional drawing



## Approvals

### Approvals

Approvals

EAC

Ex Approvals

### Approval details

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

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

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

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Circular Metric Connectors](#) category:*

*Click to view products by [Phoenix Contact](#) manufacturer:*

Other Similar products are found below :

[600X518037X](#) [MA1EAF1200](#) [6STD15PCR99B70A](#) [8R4000A16M020](#) [8R4A00A18M020](#) [8R5000A16M005](#) [1200910008](#) [1200910011](#)  
[1300140094](#) [130203-0054](#) [1300150099](#) [RF-12S1N8A90DU](#) [1-3637-600-5205](#) [1612618](#) [8R4006A16M010](#) [8R5006A18A120](#) [1604232](#)  
[1R3006A20M005](#) [RF-12P1N8A80DU](#) [RF-12P1N8A90DU](#) [41-01016](#) [41-40011](#) [41-40017](#) [42-01015](#) [4-22279-4](#) [4-22281-1](#) [4-22284-9](#) [43-](#)  
[00002](#) [43-01166](#) [41-40005](#) [41-40016](#) [43-00161](#) [43-01191](#) [XS3P-M421-2](#) [600X518050X](#) [SACC-DSI-FS-5P-PG9-L180 SC](#) [8R4006A16A120](#)  
[8R4000A16M010](#) [RKC 50/16](#) [1R3004A20A1201](#) [6-22279-3](#) [N03FA03144](#) [1300140077](#) [XS8A-0441](#) [859RD04-103R004](#) [860RD04-113R004](#)  
[860RD04-213R004](#) [860-X08-213R004](#) [1-213245-2](#) [2273142-2](#)