

## Cable connector - RF-12S2N8A8003 - 1607296

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Cable connector, straight, Screw locking, M23, Number of positions: 12, Type of contact: Socket, Crimp connection, shielded: Yes, Cable diameter: 9 mm...13.2 mm

The figure shows the product version with standard contact chamber numbering

### Product Features



### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	110.81 GRM
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### General

Note	Order information Order crimp contacts Ø 1 mm separately
Type of locking	Screw locking
Direction of rotation of contact chamber numbering	Counter direction
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	9 mm ... 13.2 mm

#### Ambient conditions

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### Technical data

#### Ambient conditions

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

#### Material

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Insulator material	PA 66
Gasket and O-ring material	FPM

#### 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	2.5 kV
Surge voltage category of power contacts	III
Pollution degree of power contacts	3
Surge voltage category of signal contacts	III
Pollution degree of signal contacts	3

### Classifications

#### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260708
eCl@ss 7.0	27440312

#### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002641

#### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

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## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

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#### Ex Approvals


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#### Approvals submitted

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## Approval details

UL Recognized 	
mm <sup>2</sup> /AWG/kcmil	20
Nominal current I <sub>N</sub>	5 A
Nominal voltage U <sub>N</sub>	125 V

cUL Recognized 	
mm <sup>2</sup> /AWG/kcmil	20
Nominal current I <sub>N</sub>	5 A
Nominal voltage U <sub>N</sub>	125 V

cULus Recognized 	
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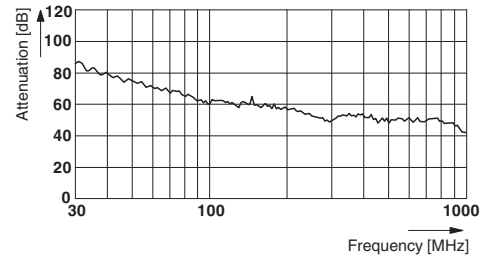
## Drawings

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Schematic diagram



Diagram



Dimensional drawing

