

## Cable connector - RF-12S2N8A80DU - 1607297

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Cable connector, straight, Screw locking, M23, Number of positions: 12, Type of contact: Socket, Crimp connection, shielded: Yes, Cable diameter: 5 mm...13.2 mm

The figure shows the product version with standard contact chamber numbering

### Why buy this product



### Key commercial data

Packing unit	20 pc
GTIN	 4 046356 174367
Weight per Piece (excluding packing)	100.55 g
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	5 mm ... 13.2 mm

#### Ambient conditions

Ambient temperature	-20 °C ... 125 °C
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## Technical data

### Ambient conditions

Degree of protection	IP67
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### 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
eCl@ss 8.0	27440102

### 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

## Approvals

### Approvals

# Cable connector - RF-12S2N8A80DU - 1607297

## Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

## 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

EAC

cULus Recognized	
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## Accessories

Accessories

Crimp contact

## Cable connector - RF-12S2N8A80DU - 1607297

### Accessories

#### Crimp contact - SF-10KS320 - 1607031



Crimp contact, Rolled, Taped articles, Number of pieces per reel: 2500, Contact diameter: 1 mm, Crimp range: 0.06 mm<sup>2</sup>...0.25 mm<sup>2</sup>

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#### Crimp contact - SF-10KS350 - 1607032



Crimp contact, Rolled, Taped articles, Number of pieces per reel: 2500, Contact diameter: 1 mm, Crimp range: 0.2 mm<sup>2</sup>...0.56 mm<sup>2</sup>

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#### Crimp contact - SF-10KS330 - 1607358



Crimp contact, Rolled, Taped articles, Number of pieces per reel: 10000, Contact diameter: 1 mm, Crimp range: 0.06 mm<sup>2</sup>...0.25 mm<sup>2</sup>

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#### Crimp contact - SF-10KS360 - 1607361



Crimp contact, Rolled, Taped articles, Number of pieces per reel: 10000, Contact diameter: 1 mm, Crimp range: 0.2 mm<sup>2</sup>...0.56 mm<sup>2</sup>

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#### Crimp contact - SF-6CS2000 - 1605562



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.06 mm<sup>2</sup>...0.25 mm<sup>2</sup>

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## Cable connector - RF-12S2N8A80DU - 1607297

### Accessories

Crimp contact - SF-10KS004 - 1607356



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.14 mm<sup>2</sup>...0.5 mm<sup>2</sup>

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Crimp contact - SF-6AS2000 - 1605557



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.25 mm<sup>2</sup>...1 mm<sup>2</sup>

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Crimp contact - SF-10KS010 - 1605481



Crimp contact, Wire spring, Single contact, Contact diameter: 1 mm, Crimp range: 0.14 mm<sup>2</sup>...1 mm<sup>2</sup>

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### Mounting material

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

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Hook wrench - SF-Z0027 - 1607455



Hook wrench

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## Accessories

Square mounting flange - RF-Z0003 - 1607905



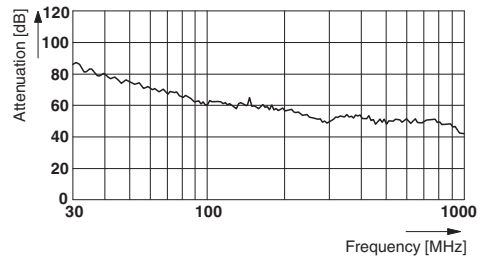
Square mounting flange, Seal, axial, 4xM3, Flange dimensions: 35 mm x 35 mm

## Drawings

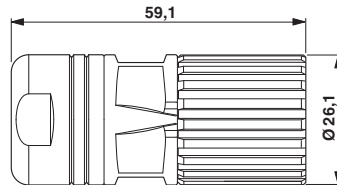
Schematic diagram



Diagram



Dimensional drawing



RF-12(17)...N8A80DU