

## Cable connector - RF-12P1N8A80DU - 1607228

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Cable connector, straight, Screw locking, M23, number of positions: 12, type of contact: Pin, Crimp connection, shielded: yes, cable diameter range: 5 mm ... 13.2 mm



### Key Commercial Data

Packing unit	20 pc
Minimum order quantity	20 pc
GTIN	 4 046356 174756
GTIN	4046356174756

### 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	Standard
Coding	N
Contact connection method	Crimp connection
Type of contacts	Pin
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
Pg housing screw connection	none

#### Ambient conditions

Ambient temperature	-40 °C ... 125 °C
Degree of protection	IP67

#### Material

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
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## Technical data

### Material

Insulator material	PA 6.6
Gasket and O-ring material	FPM

### Specifications according to DIN EN 61984:2001

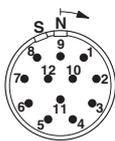
Installation height max.	2000 m
Nominal / operating voltage of power contacts	150 V
Rated surge voltage of power contacts	2.5 kV
Overvoltage category of power contacts	III
Degree of pollution of power contacts	3
Overvoltage category of signal contacts	III
Degree of pollution of signal contacts	3

### Environmental Product Compliance

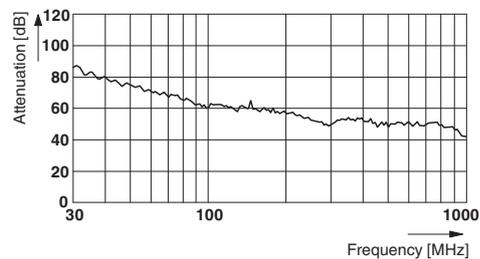
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

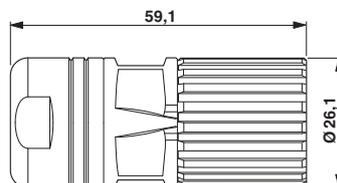
Schematic diagram



Diagram



Dimensional drawing



RF-12(17)...N8A80DU

## Approvals

Approvals

# Cable connector - RF-12P1N8A80DU - 1607228

## Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

## Approval details

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 153698
Nominal voltage UN		125 V	
Nominal current IN		5 A	
mm <sup>2</sup> /AWG/kcmil		20	

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 153698
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Nominal current IN		5 A	
mm <sup>2</sup> /AWG/kcmil		20	

EAC		B.01742
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cULus Recognized	
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