

## Coupler connector - RF-12S1N8A9003 - 1607277

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Coupler connector, straight, Screw locking, M23, number of positions: 12, type of contact: Socket, Crimp connection, shielded: yes, cable diameter range: 9 mm ... 13.2 mm

**RoHS**

### Key Commercial Data

Packing unit	20 pc
GTIN	 4 046356 268462
GTIN	4046356268462

### 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	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
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)
Insulator material	PA 6.6

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### Technical data

#### Material

Gasket and O-ring material	FPM
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#### Specifications according to DIN EN 61984:2001

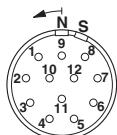
Installation height max.	2000 m
Nominal / operating voltage of power contacts	150 V
Rated surge voltage of power contacts	2.5 kV
Overvoltage category of power contacts	III
Degree of pollution of power contacts	3
Overvoltage category of signal contacts	III
Degree of pollution of signal contacts	3

#### Environmental Product Compliance

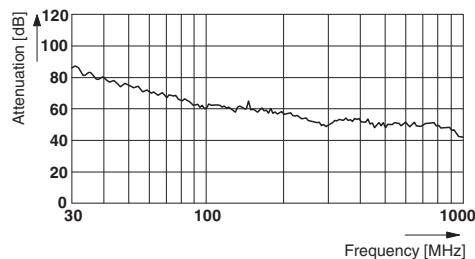
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"	

### Drawings

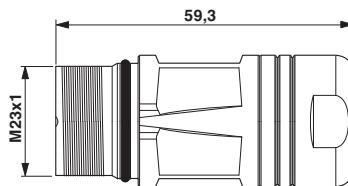
Schematic diagram



Diagram



Dimensional drawing



### Approvals

#### Approvals

#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

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### Approvals

#### 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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EAC		B.01742
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cULus Recognized	
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