

## Coupler connector - RF-19M1N1290DU - 1625943

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Coupler connector, straight, Screw locking, M23, number of positions: 16+3, type of contact: Pin, Solder connection, shielded: yes, cable diameter range: 5 mm ... 13.2 mm

The figure shows the 12-pos. product version with standard contact chamber numbering



### Key Commercial Data

Packing unit	1
GTIN	
GTIN	4046356694353
Custom tariff number	85366990

### Technical data

#### General

Type of locking	Screw locking
Insertion/withdrawal cycles mechanical	50
Direction of rotation of contact chamber numbering	Standard
Coding	N
Contact connection method	Solder connection
Type of contacts	Pin
Number of positions	19
Contact diameter of power contacts	1.5 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	10 A
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.08 mm <sup>2</sup>
Litz wire cross section of signal contacts max.	1 mm <sup>2</sup>

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## Technical data

### General

Nominal current per signal contact at 25°C	8 A
Conductor entry	5 mm ... 13.2 mm
Pg housing screw connection	none

### Ambient conditions

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

### Specifications according to DIN EN 61984:2001

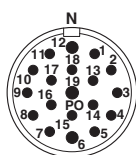
Installation height max.	2000 m
Nominal / operating voltage of power contacts	50 V
Rated surge voltage of power contacts	1.5 kV
Overvoltage category of power contacts	III
Degree of pollution of power contacts	3
Nominal / operating voltage of signal contacts	50 V
Overvoltage category of signal contacts	II
Degree of pollution of signal contacts	3

### Environmental Product Compliance

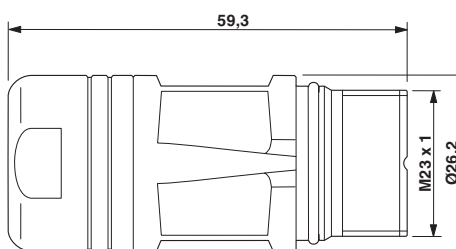
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

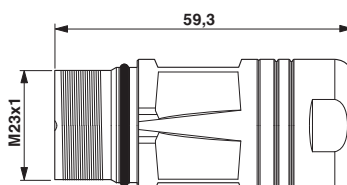
Schematic diagram



Dimensional drawing



Dimensional drawing



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## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440102
eCl@ss 8.0	27440102
eCl@ss 9.0	27440103

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002635
ETIM 6.0	EC002061

### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	39121413

## Approvals

### Approvals

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Approvals

EAC

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Ex Approvals

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### Approval details

EAC		B.01742
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