

## Coupler connector - RC-09S2N1290EF - 1596608

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Coupling connector, straight, shielded: yes, Screw locking, M23, No. of pos.: 8+1, type of contact: Socket, Solder connection, cable diameter range: 5.5 mm ... 6.5 mm

**RoHS**

### Key Commercial Data

Packing unit	20 pc
GTIN	 4 046356 212014
GTIN	4046356212014

### Technical data

#### Data of the insulating body

Coding	N
Insertion/withdrawal cycles mechanical	50
Contact connection method	Solder connection
Type of contacts	Socket
Application	Signal
Number of positions	9
Contact diameter of power contacts	2 mm
Litz wire cross section of power contacts min.	0.08 mm <sup>2</sup>
Litz wire cross section of power contacts max.	2.5 mm <sup>2</sup>
Nominal current per power contact at 25°C	20 A
Nominal voltage, power contact	300 V
Rated surge voltage	2.5 kV
Overvoltage category	II
Degree of pollution	3
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>
Nominal current per signal contact at 25°C	8 A
Nominal voltage, signal contact	300 V
Overvoltage category	II
Degree of pollution	3

#### Housing data

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### Technical data

#### Housing data

Housing material	Metal
Type of locking	Screw locking
Degree of protection (when plugged in)	IP67
Thread type	M23

#### Cable seal data

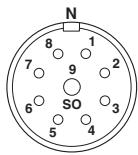
Cable diameter	5.5 mm ... 6.5 mm
Sealing material	NBR

#### Environmental Product Compliance

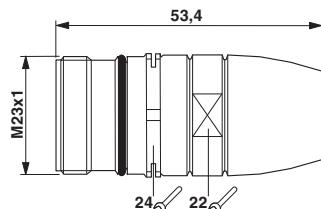
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"	

### Drawings

Schematic diagram



Dimensional drawing



### Approvals

#### Approvals

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Approvals

EAC

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Ex Approvals

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#### Approval details

EAC



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