

RC-19S1N128059 - Cable connector



1611487

<https://www.phoenixcontact.com/us/products/1611487>

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The figure shows the 12-pos.
product version

M23, Cable connector, application: Signal, straight, Screw locking mechanism, No. of pos.: 16+3, Direction of rotation: Standard, contact connection type: Socket, Solder cup, cable diameter range: 4.5 mm ... 5.5 mm, coding: N

Commercial data

Item number	1611487
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFA
GTIN	4046356266567
Weight per piece (including packing)	73.22 g
Weight per piece (excluding packing)	73.22 g
Country of origin	DE

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Technical data

Product properties

Product type	Circular connector (cable-side)
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Material specifications

Housing material	Metal
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Connector

Insulating body

Coding	N
Material (Insulating body)	PA 6.6
Material (Contact)	CuZn
Material (Contact surface)	Ni/Au
Insertion/withdrawal cycles	100
Connection method	Solder cup
Contact switching type	Socket
Application	Signal
Number of positions	19
Direction of rotation	Standard
Connection profile	16+3
Number (Contact group 1)	3
Contact diameter (Contact group 1)	1.5 mm
Litz wires Min. cross section (Contact group 1)	0.08 mm ²
Litz wires Max. cross section (Contact group 1)	1 mm ²
Rated current Contact (Contact group 1)	10 A (for max. connection cross section)
Rated voltage Contact (Contact group 1)	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Number (Contact group 2)	16
Contact diameter (Contact group 2)	1 mm
Litz wires Max. cross section (Contact group 2)	1 mm ²
Rated current Contact (Contact group 2)	8 A
Number (Contact group 3)	1
Contact diameter (Contact group 3)	1.5 mm
Rated current Contact (Contact group 3)	8 A

Housing

Note	Order contact inserts separately
Type	Cable connector housing
Thread type	M23

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Design	straight
Type of locking	Screw locking mechanism
Pg screw connection	none
Material (Housing)	Metal
Degree of protection (plugged in)	IP65
	IP67
	IP68

Seal

External cable diameter	4.5 mm ... 5.5 mm
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Drawings

Schematic diagram



Connector pin assignment

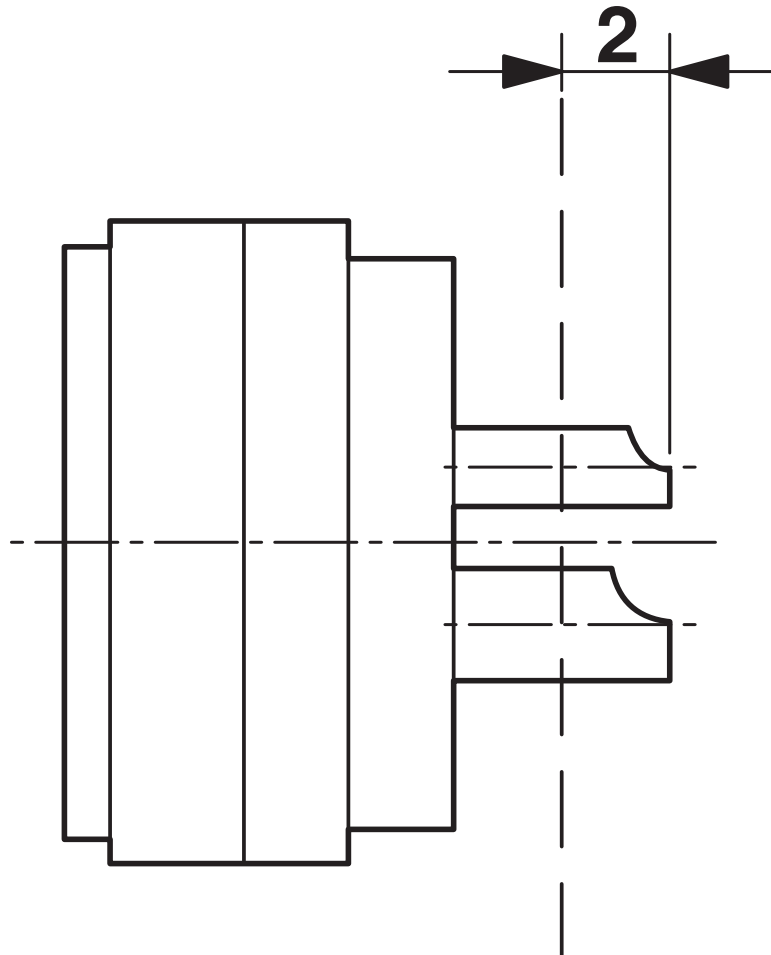
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Schematic diagram



Dimensional drawing

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com