

RC-2RP1N12RDEP - Cable connector



1603370

<https://www.phoenixcontact.com/us/products/1603370>

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M23, Cable connector, application: Signal, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 11+PE, Direction of rotation: Standard, contact connection type: Pin, Solder cup, cable diameter range: 3 mm ... 10.5 mm, coding: N

The figure shows the 12-pos. product version, with double bracket strain relief

Commercial data

Item number	1603370
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFA
GTIN	4046356245135
Weight per piece (including packing)	134.97 g
Weight per piece (excluding packing)	134.97 g
Country of origin	DE

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Technical data

Product properties

Product type	Circular connector (cable-side)
Thread type	M23

Material specifications

Flammability rating according to UL 94	V0
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Connection data

Conductor connection

Connection method	Solder connection
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Connector

Insulating body

Coding	N
Connection method	Solder cup
Contact switching type	Pin
Application	Signal
Number of positions	12
Direction of rotation	Standard
Connection profile	11+PE
Number (Contact group 1)	1
Contact diameter (Contact group 1)	1 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)	11
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

Housing

Order information:	Order contact inserts and cable clamping/shield accessories separately
Type	Cable connector housing
Thread type	M23
Design	straight

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Type of locking	Screw locking mechanism
Pg screw connection	none
Mounting type	Screw mounting (Pg13,5)
Housing material	Metal
Degree of protection (plugged in)	IP67

Seal

External cable diameter	3 mm ... 10.5 mm
Seal material	NBR

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
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Classifications

UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	f18d3331-2808-4380-9284-7cb587f16b2e

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