

RM-12P1N12R1EN - Cable connector



1615074

<https://www.phoenixcontact.com/us/products/1615074>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Cable connector, application: Signal, No. of pos.: 12, Direction of rotation: Standard, contact connection type: Pin, Solder cup, coding: N

Commercial data

Item number	1615074
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFA
GTIN	4046356408912
Weight per piece (including packing)	88.58 g
Weight per piece (excluding packing)	88.58 g
Country of origin	DE

RM-12P1N12R1EN - Cable connector



1615074

<https://www.phoenixcontact.com/us/products/1615074>

Technical data

Product properties

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

Connector

Insulating body

Coding	N
Material (Insulating body)	PBT
Material (Contact)	CuZn
Material (Contact surface)	Ni/Au
Insertion/withdrawal cycles	100
Connection method	Solder cup
Contact switching type	Pin
Application	Signal
Number of positions	12
Direction of rotation	Standard
Connection profile	12
Number (Contact group 1)	12
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)	8 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

RM-12P1N12R1EN - Cable connector

1615074

<https://www.phoenixcontact.com/us/products/1615074>

Drawings

Schematic diagram



Connector pin assignment

RM-12P1N12R1EN - Cable connector



1615074

<https://www.phoenixcontact.com/us/products/1615074>

Schematic diagram



Dimensional drawing

RM-12P1N12R1EN - Cable connector



1615074

<https://www.phoenixcontact.com/us/products/1615074>

Classifications

ECLASS

ECLASS-13.0

27440116

ETIM

ETIM 9.0

EC002635

UNSPSC

UNSPSC 21.0

39121400

RM-12P1N12R1EN - Cable connector



1615074

<https://www.phoenixcontact.com/us/products/1615074>

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	d923e94c-0f0d-4ba1-ba99-4fb788a923aa

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

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