RC-12P1N12QDEP - Crimp contact

1613094

https://www.phoenixcontact.com/us/products/1613094

PHŒNIX
CONTACT

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.

M23, Crimp contact, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 12, Direction of rotation: Standard, contact connection type: Pin, Solder cup, Axial O-ring, Panel thickness min.: 0.8 mm, Panel thickness max.: 6.5 mm, cable diameter range: 2 mm ... 10.5 mm, coding: N

Commercial data

Item number	1613094
Packing unit	10 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFJ
GTIN	4046356397698
Weight per piece (including packing)	242.2 g
Weight per piece (excluding packing)	176 g
Country of origin	DE

RC-12P1N12QDEP - Crimp contact

1613094

https://www.phoenixcontact.com/us/products/1613094

Technical data

Product properties

Product type	Circular connector (cable-side)

Connector

Insulating body

Coding	N
Contact material	CuZn
Contact surface material	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 (Contact group 1)	12
Diameter Contact (Contact group 1)	1 mm
Litz wire cross-section min. Contact (Contact group 1)	0.08 mm²
Litz wire cross-section max. Contact (Contact group 1)	1 mm²
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

Housing

|	
Order information:	Order contact inserts and cable clamping/shield accessories separately
Thread type	M23
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP67

Seal

External cable diameter	2 mm ... 10.5 mm

Drawings

Dimensional drawing

24+0,1

Ø25+0,1

max. 6,5mm
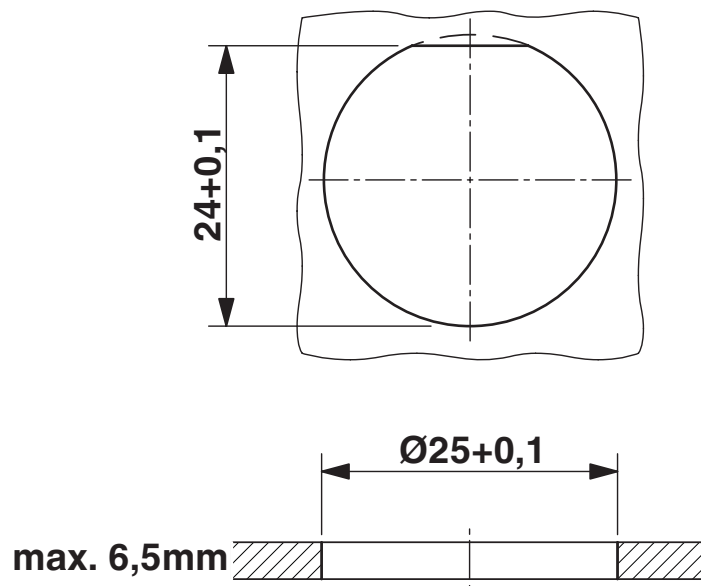
Installation dimensions

Dimensional drawing

24+0,1

Ø25+0,1

max. 6,5mm
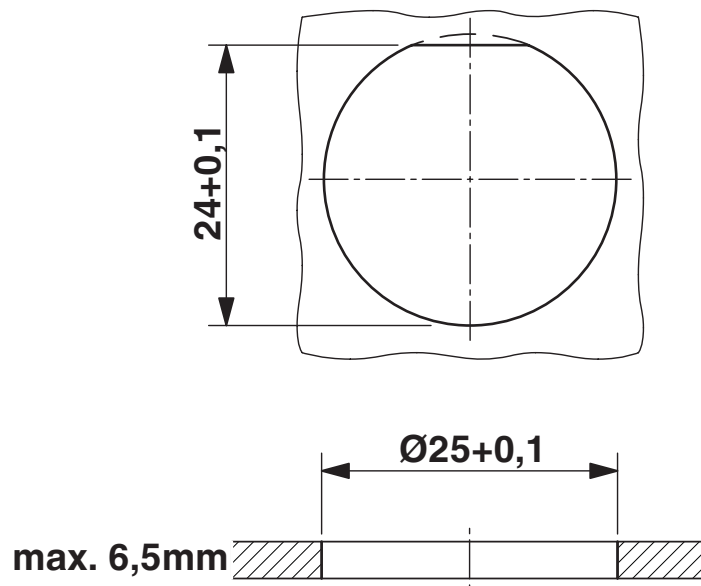
Installation dimensions

RC-12P1N12QDEP - Crimp contact

1613094

https://www.phoenixcontact.com/us/products/1613094
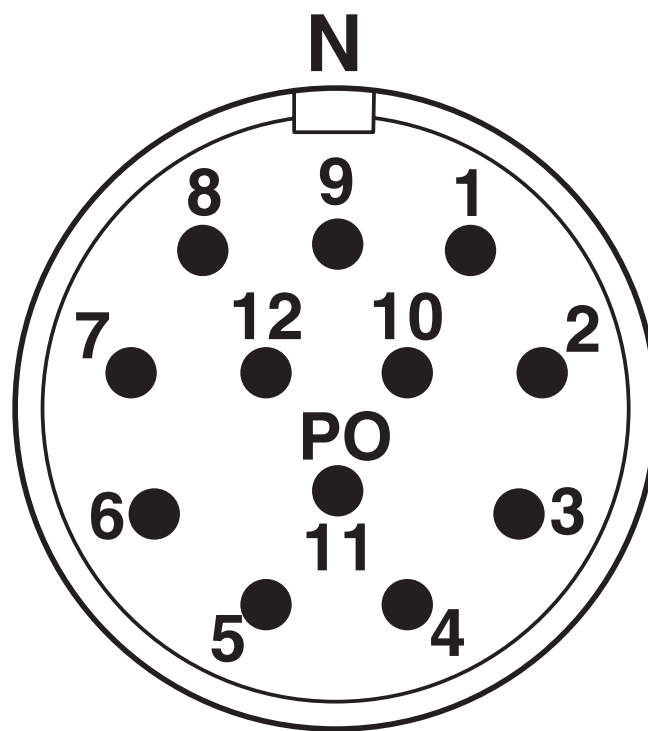
Schematic diagram

Connector pin assignment

RC-12P1N12QDEP - Crimp contact

https://www.phoenixcontact.com/us/products/1613094

Schematic diagram
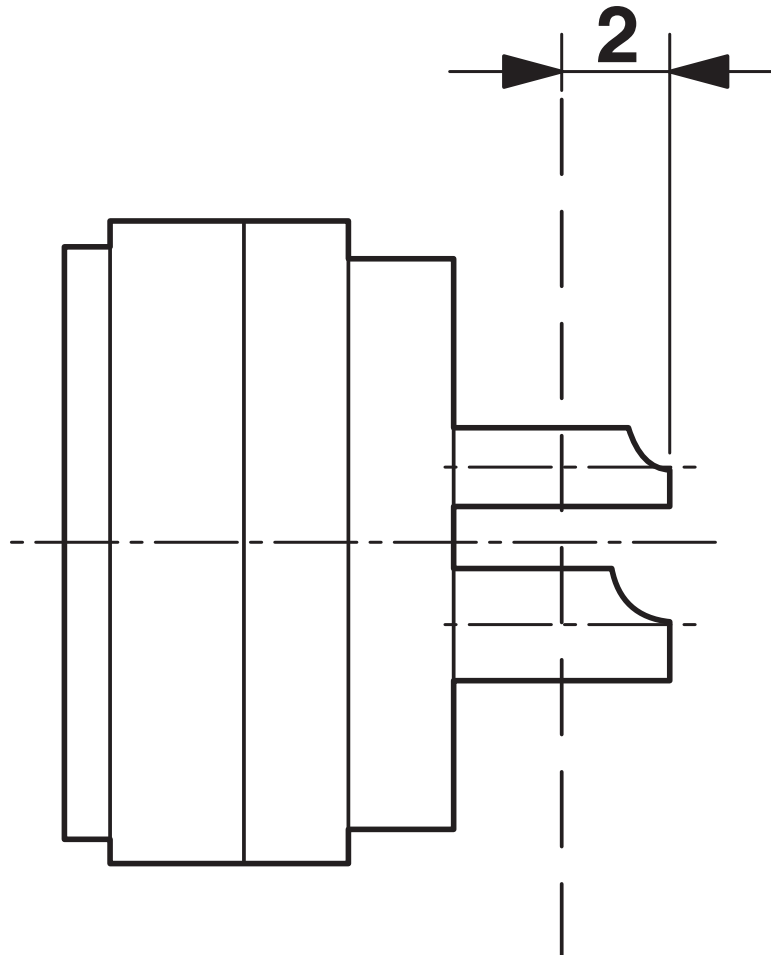
Dimensional drawing

Classifications

UNSPSC

UNSPSC 21.0	39121413

1613094

https://www.phoenixcontact.com/us/products/1613094

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.)	No substance above 0.1 wt%