

## INDUSTRIAL COMPONENT DATA

# RC-12P1N8AB1EN 1597575 PHOENIX CONTACT Front panel feed-through

Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-12P1N8AB1EN



|                 |                   |
|-----------------|-------------------|
| Manufacturer    | PHOENIX CONTACT   |
| MPN / Reference | RC-12P1N8AB1EN    |
| Catalog number  | 1597575           |
| Category        | Modular connector |
| Minimum order   | 1 Pcs             |
| Document ID     | EO-4175FE67DF     |
| Generated       | 2026-08-05        |

## Product Overview

Front panel feed-through

M23, Front wall pass-through, RC, straight, shielded: yes, Screw lock, No. of poles: 12, Direction of rotation: Standard, type of contact: Male, Crimped connection, Flat joint, 4x Ø 3.2, Min. wall thickness: 3 mm, Max. wall thickness: 7 mm, cable diameter range: 3 mm ... 10.5 mm, coding:N, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) item code: 1240855

M23, Front panel feed-through, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 12, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, Flat gasket, 4x Ø 3.2, Panel thickness min.: 3 mm, Panel thickness max.: 7 mm, cable diameter range: 3 mm ... 10.5 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

|              |                                                 |
|--------------|-------------------------------------------------|
| Catalog path | PHOENIX CONTACT > Field Device Connectors (FDC) |
|--------------|-------------------------------------------------|

## Additional Product Information

Technical dataNotesOrder information: Order crimp contacts Ø 1 mm separately

Product propertiesProduct type Circular connector (cable-side)

Material specificationsHousing material Metal

ConnectorInsulating body

Note Order information: Order crimp contacts Ø 1 mm separately

Coding N

Connection method Crimp connection

Contact switching type Pin  
Application Signal  
Number of positions 12  
Direction of rotation Standard  
Connection profile 12  
Contact diameterPower contacts 1 mm  
Rated currentPower contacts 8 A  
Rated voltage 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  
Housing material Metal  
Type of locking Screw locking mechanism  
Pg screw connection none  
Degree of protection (plugged in) IP67  
Thread type M23  
Seal  
External cable diameter 3 mm ... 10.5 mm  
Seal material NBR  
Environmental and real-life conditionsAmbient conditions  
Ambient temperature (storage/transport) 15 °C ... 25 °C  
Permissible humidity (storage/transport) 50 % ... 65 %

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-12P1N8AB1EN with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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