

INDUSTRIAL COMPONENT DATA

RC-12P1N8A4100 1597488 PHOENIX CONTACT Device connector, rear mounting

Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-12P1N8A4100



Manufacturer	PHOENIX CONTACT
MPN / Reference	RC-12P1N8A4100
Catalog number	1597488
Category	Circular connector, mounting (without cable)
Minimum order	1 Pcs
Document ID	EO-2C799AF7FD
Generated	2026-08-04

Product Overview

Device connector, rear mounting

M23, Conect. plug. to be apar. poster wall, RC, straight, Screw lock, No. of poles: 12, Direction of rotation: Standard, contact type: Male, Crimped connection, Flat joint, 4xM3, Min. wall thickness: 2.7 mm, Max. wall thickness: 3.5 mm, coding:N, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) item code: 1240838

M23, Device connector on the back side, series: RC, straight, Screw lock, Number of poles: 12, Direction of rotation: standard, contact type: Male, Crimp connection, Flat seal, 4xM3, Min. wall thickness: 2.7 mm, Max. wall thickness: 3.5 mm, Coding: N, Replacement product according to RoHS II without exception 6c (Pb < 0.1 %) Reference: 1240838

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

Key Commercial Data

Orderkey 1597488

Packing unit 1

GTIN 4046356216326

Custom tariff number 85366990

Data of the insulating body

Note Order information: Order crimp contacts Ø 1 mm separately

Coding N

Contact connection method Crimp connection

Type of contacts Pin

Application Signal

Number of positions 12

Contact diameter of power contacts 1 mm

Nominal current per power contact at 25°C 8 A

Nominal voltage, power contact 150 V

Rated surge voltage 1.5 kV

Overvoltage category II

Degree of pollution 3

Overvoltage category II

Degree of pollution 3

Housing data

Housing material Metal

Type of locking Screw locking

Degree of protection (when plugged in) IP67

Thread type M23

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027279200eCl@ss
7.027440103eCl@ss 8.027440103eCl@ss 9.027440102

ETIM 3.0EC001121ETIM 4.0EC001121ETIM 5.0EC001121ETIM 6.0EC001121

UNSPSC 6.0143172015UNSPSC 7.090143201404UNSPSC 1143172015UNSPSC 12.0143201404UNSPSC
13.239121413

ETIM for 1597488 Connectors (EC003569)

Feature Name

Feature Value

With shield connection (EF002535)

No

With PE-connection (EF005600)

No

Inflammability class of insulation material according to UL94 (EF002521)

V0

Degree of protection (IP), mounted (EF007466)

IP67

With thread (EF003723)

Yes

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-12P1N8A4100 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.