

INDUSTRIAL COMPONENT DATA

RF-12P1S8A8002 1607237 PHOENIX CONTACT Cable connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: RF-12P1S8A8002



Manufacturer	PHOENIX CONTACT
MPN / Reference	RF-12P1S8A8002
Catalog number	1607237
Category	Sensor-actuator connector chassis
Minimum order	20 Pcs
Document ID	EO-25817000B1
Generated	2026-08-04

Product Overview

Cable connector

Cable connector, straight, Screw lock, M23, number of poles: 12, contact type: Male, shielded: yes, protection index: IP67, cable diameter range: 6 mm ... 10 mm, number of poles: 12, connection type: Crimped connection, series: RF, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) item code: 1242248

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 1607237

Packing unit 20 pc

Note Made to Order (non-returnable)

GTIN 4046356268004

Weight per Piece (excluding packing) 97.880 g

Custom tariff number 85366990

Country of origin DE (Germany)

General

Note Order information: Order crimp contacts Ø 1 mm separately

Type of locking Screw locking

Direction of rotation of contact chamber numbering Standard

Coding S

Contact connection method Crimp connection

Type of contacts Pin

Number of positions 12

Contact diameter of power contacts 1 mm

Nominal current per power contact at 25°C 8 A

Conductor entry 6 mm ... 10 mm

Pg housing screw connection none

Ambient conditions

Ambient temperature -40 °C ... 125 °C

Degree of protection IP67

Material

Housing material Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)

Insulator material PA 6.6

Gasket and O-ring material FPM

Specifications according to DIN EN 61984:2001

Installation height max. 2000 m

Nominal / operating voltage of power contacts 150 V

Rated surge voltage of power contacts 2.5 kV

Overvoltage category of power contacts III

Degree of pollution of power contacts 3

Overvoltage category of signal contacts III

Degree of pollution of signal contacts 3

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 5.127260...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RF-12P1S8A8002 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.