INDUSTRIAL COMPONENT DATA

RF-12P1S8A9003 1607242 PHOENIX CONTACT Coupler connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: RF-12P1S8A9003



Manufacturer	PHOENIX CONTACT
MPN / Reference	RF-12P1S8A9003
Catalog number	1607242
Category	Sensor-actuator connector chassis
Minimum order	20 Pcs
Document ID	EO-C87FAABBCD
Generated	2026-11-19

Product Overview

Coupler connector
Plug-in mating connector, straight, Screw lock, M23, number of poles: 12, contact type: Pin, shielded: yes, cable diameter range: 9 mm ... 13.2 mm, number of poles: 12, connection type: Crimped connection

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 1607242
Packing unit 20 pc
Note Made to Order (non-returnable)
GTIN 4046356268042
Weight per Piece (excluding packing) 99.300 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 9 mm ... 13.2 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 5.1272...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RF-12P1S8A9003 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

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