INDUSTRIAL COMPONENT DATA

RF-12F2N1280DU 1615816 PHOENIX CONTACT Cable connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: RF-12F2N1280DU



Manufacturer	PHOENIX CONTACT
MPN / Reference	RF-12F2N1280DU
Catalog number	1615816
Category	Sensor-actuator connector chassis
Minimum order	20 Pcs
Document ID	EO-72EF0A2DCC
Generated	2026-11-19

Product Overview

Cable connector
Plug connector. for cables, straight, Screw lock, M23, number of poles: 12, contact type: Female, shielded: yes, cable diameter range: 5 mm ... 13.2 mm, number of poles: 12, connection type: Solder 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 1615816
Packing unit 20 pc
Minimum order quantity 20 pc
Note Made to Order (non-returnable)
GTIN 4046356601658
Weight per Piece (excluding packing) 99.400 g
Custom tariff number 85366990
Country of origin DE (Germany)
General
Type of locking Screw locking
Insertion/withdrawal cycles mechanical 50
Direction of rotation of contact chamber numbering Counter direction

Coding N
Contact connection method Solder connection
Type of contacts Socket
Number of positions 12
Contact diameter of power contacts 1 mm
Litz wire cross section of power contacts min. 0.08 mm²
Litz wire cross section of power contacts max. 1 mm²
Nominal current per power contact at 25°C 8 A
Conductor entry 5 mm ... 13.2 mm
Pg housing screw connection none
Ambient conditions
Ambient temperature -20 °C ... 125 °C
Degree of protection IP67
Specifications according to DIN EN 61984:2001
Installation height max. 2000 m
Nominal / operating voltage of power contacts 50 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 5.127260700eCl@ss 6.027260700...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RF-12F2N1280DU 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.