

INDUSTRIAL COMPONENT DATA

SF-5EP1N8AAC00 1607035 PHOENIX CONTACT Device connector, front mounting

Brand: PHOENIX CONTACT | Manufacturer Part Number: SF-5EP1N8AAC00



Manufacturer	PHOENIX CONTACT
MPN / Reference	SF-5EP1N8AAC00
Catalog number	1607035
Category	Sensor-actuator connector chassis
Minimum order	16 Pcs
Document ID	EO-8110B0B0C7
Generated	2026-08-05

Product Overview

Device connector, front mounting

Conect. plug. to be apar. front wall., Swivel elbow, increased flange size, Screw lock, M23, number of poles: 5+PE, contact type: Male, Axial O-ring, 4x Ø 3.2, shielded: yes, flange size: 28 mm x 28 mm, protection index: IP67, Compatible with counterconnectors with standard SPEEDCON or M23 knurled nut, number of poles: 6, connection type: Crimped connection, series: SF

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 1607035

Packing unit 16 pc

Note Made to Order (non-returnable)

GTIN 4046356253253

Weight per Piece (excluding packing) 119.800 g

Custom tariff number 85366990

Country of origin DE (Germany)

General

Note Order information: Order crimp contacts 6 x Ø 2 mm separately

Type of locking Screw locking

Coding N

Contact connection method Crimp connection

Type of contacts Pin

Number of positions 6

Contact diameter of power contacts 2 mm

Nominal current per power contact at 25°C 30 A

Contact diameter of signal contacts 2 mm

Nominal current per signal contact at 25°C 9 A

Pg housing screw connection none

Mounting type 4x Ø 3.2

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. 3000 m

Nominal / operating voltage of power contacts 630 V

Rated surge voltage of power contacts 6 kV

Overvoltage category of power contacts III

Degree of pollution of power contacts 3

Nominal / operating voltage of signal contacts 250 V

Rated surge voltage of signal contacts 4 kV

Overvoltage category of signal contacts III

Degree of pollution of signal contacts 3

Environmental Product Compliance

China RoHS Environmentally Friendly Use Period = 50

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

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SF-5EP1N8AAC00 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.