

INDUSTRIAL COMPONENT DATA

ST-7EP1N8AAD00S 1607744 PHOENIX CONTACT Device connector, front mounting

Brand: PHOENIX CONTACT | Manufacturer Part Number: ST-7EP1N8AAD00S



Manufacturer	PHOENIX CONTACT
MPN / Reference	ST-7EP1N8AAD00S
Catalog number	1607744
Category	Sensor-actuator connector chassis
Minimum order	16 Pcs
Document ID	EO-5E13736395
Generated	2026-08-02

Product Overview

Device connector, front mounting

Connect. plug. to be apar. front wall, Swivel angle, SPEEDCON lock, M17, number of poles: 7+PE, contact type: Pin, Axial O-ring, 4x Ø2.7, shielded: yes, flange size: 21.6 mm x 21.6 mm, protection index: IP67, number of poles: 8, connection type: Crimped connection, series: ST

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)
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Additional Product Information

Key Commercial Data

Orderkey 1607744

Packing unit 16 pc

Note Made to Order (non-returnable)

GTIN 4046356274449

Weight per Piece (excluding packing) 134.000 g

Custom tariff number 85366990

Country of origin DE (Germany)

General

Note Order information: Order crimp contacts Ø 1 mm separately

Type of locking SPEEDCON locking

Direction of rotation of contact chamber numbering Standard

Coding N

Contact connection method Crimp connection

Type of contacts Pin

Number of positions 8

Contact diameter of power contacts 1 mm

Nominal current per power contact at 25°C 14 A

Contact diameter of signal contacts 1 mm

Nominal current per signal contact at 25°C 14 A

Pg housing screw connection none

Mounting type 4x Ø2,7

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

Environmental Product Compliance

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 5.027143424eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST-7EP1N8AAD00S 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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