

INDUSTRIAL COMPONENT DATA

ST-8EP1N8AA500S 1620454 PHOENIX CONTACT Device connector, front mounting

Brand: PHOENIX CONTACT | Manufacturer Part Number: ST-8EP1N8AA500S



Manufacturer	PHOENIX CONTACT
MPN / Reference	ST-8EP1N8AA500S
Catalog number	1620454
Category	Sensor-actuator connector chassis
Minimum order	1 Pcs
Document ID	EO-FF52463A89
Generated	2026-07-29

Product Overview

Device connector, front mounting

Connect. plug. to be apar. front wall., Swivel angle, for standard and SPEEDCON lock, M17, number of poles: 5+3+PE, contact type: Pin, Axial O-ring, 4x Ø 3.2, shielded: yes, flange size: 25.75 mm x 25.75 mm, protection index: IP67, number of poles: 9, 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 1620454

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356828444

Weight per Piece (excluding packing) 44.440 g

Custom tariff number 85366990

Country of origin DE (Germany)

General

Note Order information: Order crimp contacts 5 x 0.6 mm, 4 x Ø 1 mm separately

Type of locking for standard and SPEEDCON interlock

Direction of rotation of contact chamber numbering Standard

Coding N

Contact connection method Crimp connection

Type of contacts Pin

Number of positions 9

Contact diameter of power contacts 1 mm

Nominal current per power contact at 25°C 14 A

Contact diameter of signal contacts 0.6 mm

Nominal current per signal contact at 25°C 3.6 A

Pg housing screw connection none

Mounting type 4x Ø 3.2

Ambient conditions

Ambient temperature -40 °C ... 125 °C

Degree of protection IP67

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 60 V

Rated surge voltage of signal contacts 1.5 kV

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...."

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST-8EP1N8AA500S 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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