INDUSTRIAL COMPONENT DATA

SF-7EP1N8A90DUS 1617913 PHOENIX CONTACT Coupler connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SF-7EP1N8A90DUS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SF-7EP1N8A90DUS
Catalog number	1617913
Category	Sensor-actuator connector chassis
Minimum order	20 Pcs
Document ID	EO-84F211D670
Generated	2026-11-19

Product Overview

Coupler connector

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 1617913
Packing unit 20 pc
Note Made to Order (non-returnable)
GTIN 4046356582018
Weight per Piece (excluding packing) 101.360 g
Custom tariff number 85366990
Country of origin DE (Germany)
General
Note Order information: Order crimp contacts 4 x Ø 1 mm, 4 x Ø 2 mm separately
Type of locking SPEEDCON locking
Coding N
Contact connection method Crimp connection
Type of contacts Pin
Number of positions 8

Contact diameter of power contacts 2 mm
Nominal current per power contact at 25°C 30 A
Contact diameter of signal contacts 1 mm
Nominal current per signal contact at 25°C 9 A
Conductor entry 7.5 mm ... 14 mm
Pg housing screw connection none
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 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
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@...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SF-7EP1N8A90DUS with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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.