

# SACC-DSIV-FSX-8CON-L180 SCO - Device connector rear mounting



1411820

<https://www.phoenixcontact.com/us/products/1411820>

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Device connector rear mounting, Ethernet CAT6<sub>A</sub>, 8-position, Socket, straight, M12-SPEEDCON, coding: X, Rear mounting, THR solder connection, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1238913

## Commercial data

Item number	1411820
Packing unit	20 pc
Minimum order quantity	20 pc
Note	Made to order (non-returnable)
Product key	ABQAIA
GTIN	4046356956376
Weight per piece (including packing)	11.81 g
Weight per piece (excluding packing)	9.18 g
Country of origin	DE

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## Technical data

### Notes

General	Lock nut is included in the scope of delivery
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### Mounting

Mounting type	Rear mounting
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### Product properties

Product type	Circular connectors (device side)
Sensor type	Ethernet
Number of positions	8
Coding	X
Thread type	M12

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Material specifications

Material	Zinc die-cast (nickel-plated)
Flammability rating according to UL 94	V0
Seal material	EPDM
Material of grip body	Zinc die-cast, nickel-plated
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PPA
Material for screw connection	Zinc die-cast, nickel-plated

### Electrical properties

Rated surge voltage	1.5 kV
Contact resistance	< 5 mΩ
Insulation resistance	> 100 MΩ
Nominal voltage $U_N$	50 V AC 60 V DC
Nominal current $I_N$	0.5 A
Transmission characteristics (category)	CAT6 <sub>A</sub>

### Connection data

#### Conductor connection

Connection method	THR solder connection
Contact connection type	Socket

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## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 100
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## Connector

### Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M12
Head locking type	SPEEDCON
Coding	X

## Cable/line

Signal type/category	Ethernet CAT6 <sub>A</sub>
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67 (When plugged in)
	IP67
Ambient temperature (operation)	-40 °C ... 85 °C

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## Classifications

### ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

### ETIM

ETIM 9.0	EC002635
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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