

# SACC-CI-M12FS-5CON-SCO - Device connector rear mounting



1528280

<https://www.phoenixcontact.com/us/products/1528280>

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Device connector rear mounting, 5-position, Socket, straight, M12-SPEEDCON, A-coding, Wave soldering, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

## Commercial data

Item number	1528280
Packing unit	100 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB23
Product key	ABQAGS
GTIN	4046356023252
Weight per piece (including packing)	8.27 g
Weight per piece (excluding packing)	8.074 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Mounting

Mounting type	Rear mounting
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### Product properties

Product type	Circular connectors (device side)
Number of positions	5
Shielded	no
Coding	A
Thread type	M12

### Insulation characteristics

Degree of pollution	3
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### Dimensions

#### PCB design

PCB thickness	1 mm
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### Material specifications

Material Housing	CuZn
Material Housing surface	Ni
Material Contact carrier	PA 6
Material Contact	CuZn
Material Contact surface	Au
Material Seal	NBR (O-ring)
Flammability rating according to UL 94	HB

### Electrical properties

Contact resistance	$\leq 0.003 \Omega$
Insulation resistance	$\geq$
Nominal voltage $U_N$	60 V
Nominal current $I_N$	4 A

### Connection data

#### Conductor connection

Connection method	Wave soldering
Contact connection type	Socket

### Connector

#### Connection 1

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

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 85 °C
UL Type Rating	Type 4 (indoor use only)

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## Drawings

Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, socket side view

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1528280>

 <b>cUL Recognized</b> Approval ID: E118976				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
keine				
	60 V	4 A	-	-

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## Classifications

### ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

### ETIM

ETIM 10.0	EC003568
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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