

# SACC-CI-M12FSB-5CON-L90 SCO - Contact carrier



1436657

<https://www.phoenixcontact.com/us/products/1436657>

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Sensor/actuator flush-type connector, female connector, 5-pos., B-coded, with angled solder connection, contact insert only

The figure shows a shielded version

## Commercial data

Item number	1436657
Packing unit	20 pc
Minimum order quantity	20 pc
Product key	ABQAHS
GTIN	4046356438728
Weight per piece (including packing)	5.305 g
Weight per piece (excluding packing)	3.602 g
Country of origin	DE

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## Technical data

### Product properties

Product type	Contact insert
Application	Signal
Number of positions	5
No. of control contacts	5
Shielded	no
Coding	B
Thread type	M12

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage $U_N$	60 V
Nominal current $I_N$	4 A

### Connection data

Connection method	Wave soldering
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### Signaling

Status display	no
Status display present	no

### Material specifications

Material Contact carrier	PA 6.6
Material Contact	CuZn
Material Contact surface	Au
Flammability rating according to UL 94	V0

### Connector

#### Connection 1

Head design	Socket
Head cable outlet	angled
Head thread type	M12
Coding	B

### Environmental and real-life conditions

#### Ambient conditions

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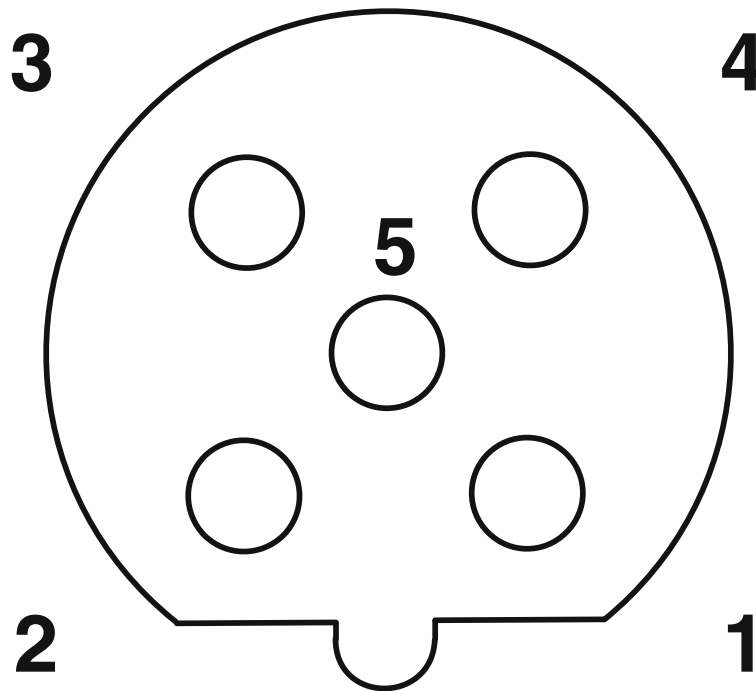
Degree of protection	IP67
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 85 °C
UL Type Rating	Type 4 (indoor use only)

## Packaging specifications

Type of packaging	Blister
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Drawings

Schematic diagram



Pin assignment M12 socket, 5-pos., B-coded, female side

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1436657>

 <b>cUL Recognized</b> Approval ID: E118976-20100522				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	60 V	4 A	22	-

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## Classifications

### ECLASS

ECLASS-13.0	27440223
ECLASS-15.0	27440223

### ETIM

ETIM 10.0	EC003557
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	2a97bb18-429d-417a-a686-1b2ebb079b36

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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)