

# SACC-CI-M8FS-3P SMD T - Contact carrier



1412220

<https://www.phoenixcontact.com/us/products/1412220>

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Contact carrier, 3-position, Socket, straight, M8, A-coding, SMD reflow, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

## Your advantages

- Reduced mounting costs thanks to two-piece device connector
- Packaging available for automated pick and place assembly
- All common pin assignments and codings available
- Easy device integration thanks to mechanical port screw connections with threaded attachment, press-in contour or direct integration in the front plate
- Optional shield connection and seal for the device when not plugged in

## Commercial data

Item number	1412220
Packing unit	60 pc
Minimum order quantity	60 pc
Sales key	AB22
Product key	ABQHCS
GTIN	4046356988308
Weight per piece (including packing)	2.733 g
Weight per piece (excluding packing)	1.9 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Product properties

Product type	Contact insert
Application	Signal
Number of positions	3
No. of control contacts	3
Seal present	no
Shielded	no
Coding	A
Thread type	M8

### Insulation characteristics

Overvoltage category	III
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### Electrical properties

Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage $U_N$	48 V AC
	60 V DC
Nominal current $I_N$	4 A

### Connection data

Connection method	SMD reflow
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### Material specifications

Flammability rating according to UL 94	V0
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### Connector

#### Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M8
Coding	A

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	> 100
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### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP67 (When plugged in)
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## Packaging specifications

Type of packaging	Tray
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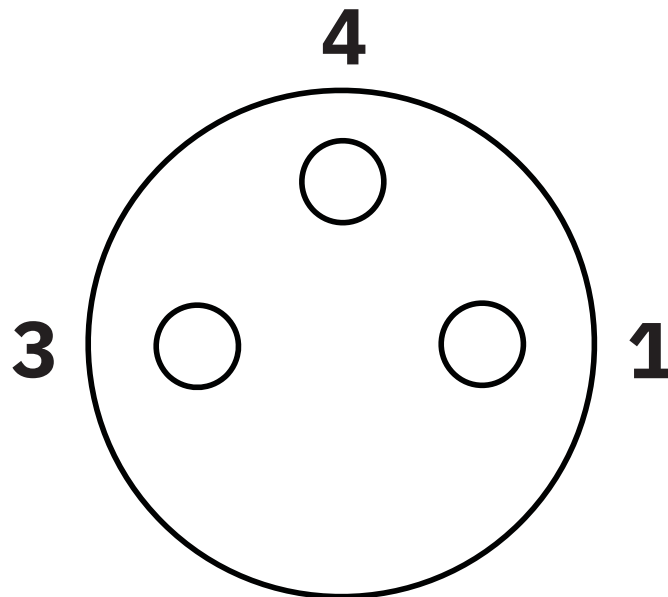
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## Drawings

Schematic diagram



Pin assignment M8 socket, 3-pos., view female side

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1412220>

 <b>cULus Recognized</b> Approval ID: E221474-20160506				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	60 V	4 A	-	-

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