

# SACC-M16FS-14CON-M - Connector



1500554

<https://www.phoenixcontact.com/us/products/1500554>

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M16 socket, 14-pos., with solder connection, freely configurable, straight, for a 6.0 mm conductor diameter ... 8.0 mm

## Commercial data

Item number	1500554
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF45
Product key	BF3ZDX
Catalog page	Page 311 (C-2-2019)
GTIN	4017918609641
Weight per piece (including packing)	56.2 g
Weight per piece (excluding packing)	56.2 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Notes

Assembly instruction:

**NOTE:** Observe the permissible bending radii when laying conductors, since the degree of protection may be put in jeopardy if the bending forces are too high. Alleviate mechanical loads upstream of the connector, e.g. by using cable ties.

### Product properties

Product type	Circular connectors (device side)
Number of positions	14
Shielded	no
Coding	no

### Dimensions

Width	18.5 mm
Height	18.5 mm
Length	62 mm

### External dimensions

Outside diameter	0.25 mm
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### Material specifications

Material Threaded sleeve	Die-cast zinc
Flammability rating according to UL 94	V0
Contact material	CuSn
Contact surface material	Au
Contact carrier material	PBT

### Electrical properties

Nominal voltage $U_N$	60 V DC (Overvoltage category I / degree of pollution 1)
	32 V AC (Overvoltage category II / degree of pollution 2)

### Connection data

#### Connection technology

Outside diameter	0.25 mm
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#### Conductor connection

Connection method	Solder connection
Contact connection type	Socket

### Connector

#### Connection 1

Head design	Socket
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Head cable outlet	straight
Head thread type	M16

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-30 °C ... 95 °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

### 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	6b2430e2-11f8-4795-8a55-9ca4a998973b

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