

# SACC-M16FR-14CON-M - Connector



1500253

<https://www.phoenixcontact.com/gb/products/1500253>

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



## Commercial data

Item number	1500253
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AF3ZDX
Product key	AF3ZDX
GTIN	4017918587918
Weight per piece (including packing)	68.9 g
Weight per piece (excluding packing)	68.9 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Notes

Assembly note	<b>NOTE:</b> Observe the permissible bending radii when routing cables, since the degree of protection may be at risk if the bending forces are too high. Reduce mechanical loads upstream of the connector, e.g., by using cable ties.
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### Product properties

Product type	Circular connector (cable-side)
Number of positions	14
Shielded	no
Coding	no

### Dimensions

Width	20 mm
Height	37.4 mm
Length	54 mm

### 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

### Connection data

Conductor connection	
Connection method	Solder connection

### 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)

### Connector

Connection 1	
Head design	Socket
Head cable outlet	angled
Head thread type	M16

### Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP67

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Ambient temperature (operation) (male connector/female connector)

-30 °C ... 95 °C

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## Classifications

### ECLASS

ECLASS-13.0	27440116
ECLASS-15.0	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	f3594b4f-206a-46e9-8c24-68d43845ae4a

### EF3.0 Climate Change

CO2e kg	1.988 kg CO2e
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