SACC-M16FR-14CON-M - Connector

1500253

https://www.phoenixcontact.com/us/products/1500253

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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	BF45
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

Technical data

Notes

Assembly note	NOTE: 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.

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

Ambient temperature (operation) (male connector/female connector)	-30 °C ... 95 °C

Classifications

ECLASS

ECLASS-13.0	27440116
ECLASS-15.0	27440116

ETIM

ETIM 10.0	EC002635

UNSPSC

UNSPSC 21.0	39121400

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

EF3.1 Climate Change

CO2e kg	1.988 kg CO2e

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

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