


# Connector - SACC-M16FR-14CON-M - 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



## Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 587918
GTIN	4017918587918
Sales Key	02

## Technical data

### General

Rated voltage	60 V DC (Overvoltage category I / degree of pollution 1) 32 V AC (Overvoltage category II / degree of pollution 2)
Number of positions	14
Flammability rating according to UL 94	V0
Note	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.

### Ambient conditions

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

### Master cable data/connection data

Conductor cross section max. (signal)	0.25 mm <sup>2</sup>
Conductor cross section AWG max. (signal)	24
Conductor cross section max. (energy)	0.25 mm <sup>2</sup>
Conductor cross section AWG max. (energy)	24
External cable diameter min.	6 mm

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## Technical data

### Master cable data/connection data

External cable diameter max.	8 mm
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### Insulation material

Housing material	CuZn
Housing surface material	Nickel-plated
Contact material	CuSn
Contact surface material	Au
Contact carrier material	PBT
Material of threaded sleeve	Zinc die-cast
Material of threaded sleeve surface	Nickel-plated

### Connection assignment

Slot/position = pin = conductor color	1 / 4 (A) = P = WH
	2 / 4 (A) = J = GN
	3 / 4 (A) = T = YE
	4 / 4 (A) = S = GY
	5 / 4 (A) = G = PK
	6 / 4 (A) = R = RD
	7 / 4 (A) = E = BK
	8 / 4 (A) = O = VT
	9 / 4 (A) = C = WH/PK
	10 / 4 (A) = N = PK/BN
	1-10 / 1 (+24 V) = A+M = BN
	1-10 / 3 (0 V) = L+U = BU

### Standards and Regulations

Flammability rating according to UL 94	V0
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### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Classifications

### eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27143400
eCl@ss 6.0	27279200

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### Classifications

#### eCl@ss

eCl@ss 7.0	27440104
eCl@ss 8.0	27440104
eCl@ss 9.0	27440102

#### ETIM

ETIM 2.0	EC001121
ETIM 3.0	EC002062
ETIM 4.0	EC002062
ETIM 5.0	EC002062
ETIM 6.0	EC002062

#### UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
UNSPSC 21.0	39121413

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