

## Connector - SACC-M16FS-14CON-M - 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



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 56.2 g   |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Germany  |

### Technical data

#### General

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

#### 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                 |
| External cable diameter max.              | 8 mm                 |

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### Technical data

#### Insulation material

|                          |               |
|--------------------------|---------------|
| Housing material         | CuZn          |
| Housing surface material | Nickel-plated |
| Contact material         | CuSn          |
| Contact surface material | Au            |
| Contact carrier material | PBT           |

#### 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 |
|----------------------------------------|----|

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27140815 |
| eCl@ss 4.1 | 27140815 |
| eCl@ss 5.0 | 27143423 |
| eCl@ss 5.1 | 27143423 |
| eCl@ss 6.0 | 27143423 |
| eCl@ss 7.0 | 27449001 |
| eCl@ss 8.0 | 27440104 |
| eCl@ss 9.0 | 27440102 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001121 |
| ETIM 3.0 | EC002062 |

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### Classifications

#### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC002062 |
| ETIM 5.0 | EC002062 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31251501 |
| UNSPSC 7.0901 | 31251501 |
| UNSPSC 11     | 31251501 |
| UNSPSC 12.01  | 31251501 |
| UNSPSC 13.2   | 31251501 |

### Approvals

#### Approvals

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#### Approvals

#### EAC

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

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| EAC |
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