

## Connector - SACC-M 8MS-3QO-0,25-M - 1441008

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Connector, Universal, 3-position, Plug straight M8, Coding: A, Insulation displacement connection, knurl material: Nickel-plated brass, external cable diameter 2.5 mm ... 5 mm

### Your advantages

- Safe use in the field, thanks to a high degree of protection
- Flexible: connectors for on-site assembly
- Insulation displacement connection: innovative and time-saving assembly without stripping the single wire



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 515894
GTIN	4046356515894
Weight per Piece (excluding packing)	7.600 g
Custom tariff number	85366990
Country of origin	Germany
Sales Key	BF2BCA

### Technical data

#### Dimensions

Diameter housing	12.5 mm
Length	43.4 mm
External cable diameter	2.5 mm ... 5 mm ±0.2 mm
Stripping length of the sheath	40 mm

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 80 °C (Plug / socket)
	-25 °C ... 80 °C (Plug / socket)
Degree of protection	IP65

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### Technical data

#### Ambient conditions

	IP67
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#### General

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.
Rated current at 40°C	4 A
Rated voltage	48 V AC 60 V DC
Number of positions	3
Color handle area	black
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M8 connector IEC 61076-2-104
Signal type/category	Universal
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Insulation displacement connection
Conductor cross section	0.08 mm <sup>2</sup> ... 0.25 mm <sup>2</sup>
Conductor cross section AWG	28 ... 24
Wire diameter including insulation	0.6 mm ... 1.25 mm
Frequency of connections between conductors of the same cross section	10
Wire insulation material	PVC / PE / PP / rubber
Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	Class 2-6
Insertion/withdrawal cycles	≥ 100
Torque	0.6 Nm (Pressure nut) 0.2 Nm (M8 knurl)

#### Material

Flammability rating according to UL 94	HB
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material of grip body	PA 6
Material, knurls	Nickel-plated brass
Sealing material	NBR

#### Standards and Regulations

Standards/specifications	M8 connector IEC 61076-2-104
Connection in acc. with standard	CUL
Flammability rating according to UL 94	HB

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### Technical data

#### 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 11.0	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
eCl@ss 7.0	27440104
eCl@ss 9.0	27440102

#### ETIM

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

#### UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121413
UNSPSC 11	39121413
UNSPSC 12.01	39121413
UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
UNSPSC 21.0	39121413

### Approvals

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UL Recognized / cUL Recognized / EAC / EAC / EAC / cULus Recognized


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### Approvals

Ex Approvals


#### Approval details


UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 118976
Nominal voltage UN	29 V		
Nominal current IN	4 A		
mm <sup>2</sup> /AWG/kcmil	24		

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 118976
Nominal voltage UN	29 V		
Nominal current IN	4 A		
mm <sup>2</sup> /AWG/kcmil	24		

EAC		RU C- DE.AI30.B.01102
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EAC		EAC-Zulassung
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EAC		RU C- DE.BL08.B.00511
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cULus Recognized	
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