

# SACC-E-M 8FS-6CON-M 8/3,0 - Device connector front mounting



1056212

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Device connector front mounting, 6-position, Socket, straight, M8, A-coding, on free cable end, Individual wires, cable length: 3 m, 0.14 mm<sup>2</sup>, PVC litz wire

## Your advantages

- Preassembled with litz wires for immediate use
- Customer-specific assemblies and litz wire lengths available
- Sealed on the litz wire side for optimum leak-tightness
- Standard pin assignments and codings for signal transmission with a uniform design-in design

## Commercial data

Item number	1056212
Packing unit	1 pc
Minimum order quantity	300 pc
Product key	ABQYAA
GTIN	4055626695143
Weight per piece (including packing)	49 g
Weight per piece (excluding packing)	13.12 g
Customs tariff number	85444290
Country of origin	DE

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## Technical data

### Mounting

Mounting type	Front mounting
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### Product properties

Product type	Circular connectors (device side)
Number of positions	6
No. of cable outlets	1
Coding	A

### Insulation characteristics

Overvoltage category	II
Degree of pollution	3

### Material specifications

Flammability rating according to UL 94	HB
Seal material	Viton
Contact material	Cu alloy
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Brass, nickel-plated

### Electrical properties

Nominal voltage $U_N$	30 V AC
	30 V DC
Nominal current $I_N$	1.5 A

### Connection data

#### Conductor connection

Connection method	Individual wires
Contact connection type	Socket
Conductor cross-section	0.14 mm <sup>2</sup>

### Connector

#### Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M8
Coding	A

#### Connection 2

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Head design	free cable end
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## Cable/line

Cable length	3 m
Cable type	PVC litz wire
Cable cross section	0.14 mm <sup>2</sup>
Ambient temperature (operation)	-40 °C ... 85 °C (cable, fixed installation) -25 °C ... 85 °C (Cable, flexible installation)

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
Ambient temperature (operation) (fixed installation)	-40 °C ... 85 °C (without mechanical actuation)
Ambient temperature (operation) (Cable, flexible installation)	-25 °C ... 85 °C (Cable, flexible installation)
Ambient temperature (operation) (Cable, fixed installation)	-40 °C ... 85 °C (cable, fixed installation)
UL Type Rating	Type 4 (indoor use only)

## Standards and regulations

Standard designation	M8 circular connector
Standards/specifications	according to IEC 61076-2-104

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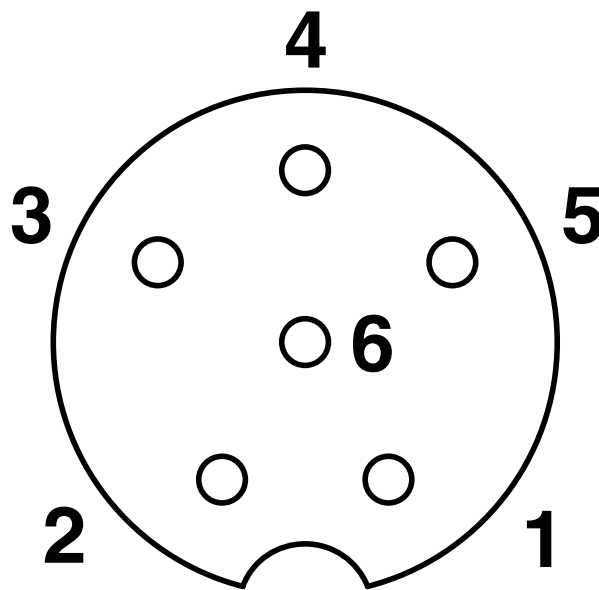


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## Drawings

Schematic diagram



Pin assignment M8 socket, 6-pos.

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## Classifications

### ECLASS

ECLASS-13.0	27440103
ECLASS-15.0	27440103

### ETIM

ETIM 9.0	EC003570
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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	fe698d87-25f6-4807-a4d4-dc6001d0fad3

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