

# SACC-DSI-MS-5CON-M16-L180 PP - Device connector, rear mounting



1027676

<https://www.phoenixcontact.com/us/products/1027676>

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Device connector, rear mounting, 5-position, Plug, straight, M12-Push-Pull, coding: A , Rear mounting, M16, Wave soldering contacts, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb <0.1%)

## Your advantages

- Established M12 standard for secure transmission of signals, data, and power
- Easy and quick cabling of devices and systems in hard-to-reach areas
- Manufacturer-independent M12 push-pull locking system for maximum availability
- Reliable shield connection even under extreme mechanical strain

## Commercial data

Item number	1027676
Packing unit	1 pc
Minimum order quantity	20 pc
Sales key	AB23
Product key	ABQECJ
GTIN	4055626533926
Weight per piece (including packing)	17.53 g
Weight per piece (excluding packing)	17.53 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Notes

General	Lock nut is included in the scope of delivery
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### Mounting

Mounting type	Rear mounting M16 With flat nut
Assembly instructions	With flat nut
Connection method	Wave soldering contacts

### Product properties

Product type	Circular connectors (device side)
Number of positions	5
Shielded	no
Coding	A

### Insulation characteristics

Overvoltage category	II
Degree of pollution	3

### Dimensions

Length of the solder pin	6 mm
	6 mm

### Material specifications

Flammability rating according to UL 94	V0
Seal material	NBR
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Zinc die-cast, nickel-plated

### Electrical properties

Rated surge voltage	1.5 kV
Nominal voltage $U_N$	60 V
Nominal current $I_N$	4 A

### Connection data

Conductor connection	
Connection method	Wave soldering contacts

### Mechanical properties

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## Mechanical data

Insertion/withdrawal cycles	> 100
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## Connector

### Connection 1

Head design	Plug
Head cable outlet	straight
Head thread type	M12
Head locking type	Push-Pull
Coding	A

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67
	IP67
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)

## Standards and regulations

### M12

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-010
Note	Push-pull

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## Classifications

### ECLASS

ECLASS-11.0	27440109
ECLASS-12.0	27440109
ECLASS-13.0	27440109

### ETIM

ETIM 8.0	EC003569
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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