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



1027669

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Device connector rear mounting, 5-position, Socket, straight, M12-Push-Pull, coding: A, Rear mounting, M16, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1238100

# 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
- · Compatible with connectors with screw or push-in connection

# Commercial data

Item number	1027669
Packing unit	12 pc
Minimum order quantity	12 pc
Note	Made to order (non-returnable)
Sales key	AB26
Product key	ABQEDJ
GTIN	4055626533391
Weight per piece (including packing)	26.09 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85366990
Country of origin	DE

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# Technical data

### Notes

Notes on operation	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Order information:	Lock nut is included in the scope of delivery
General	Push-pull external locking

#### Mounting

Mounting type	Rear mounting M16 With flat nut
Assembly instructions	With flat nut

#### Product properties

Product type	Circular connectors (device side)
Number of positions	5
Shielded	no
Coding	A
Thread type	M12
Insulation characteristics	

## Dimensions

Length of the solder pin	6 mm
	6 mm

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### Material specifications

Overvoltage category

Degree of pollution

Material	Brass, nickel-plated
Flammability rating according to UL 94	V0
Seal material	NBR/FKM
Material of grip body	Brass, nickel-plated
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Brass, nickel-plated

### **Electrical properties**

Rated surge voltage	1.5 kV
Nominal voltage U <sub>N</sub>	60 V

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Nominal current I <sub>N</sub>	4 A
Connection data	
Conductor connection	
Connection method	Wave soldering
Contact connection type	Socket
Mechanical properties	
Mechanical data	
Insertion/withdrawal cycles	> 100
Connector	
Connection 1	
Head design	Socket
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
	IP65/IP67
Ambient temperature (operation)	-25 °C 85 °C (Plug / socket)
Standards and regulations	
M12	
Standard designation	M12 connector

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

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