SACC-DSI-FSD-4CON-M16-L180 PP - Device connector rear mounting



1027696

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Device connector rear mounting, 4-position, Socket, straight, M12-Push-Pull, coding: D, Rear mounting, M16 x 1.5, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1238102

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	1027696
Packing unit	12 pc
Minimum order quantity	12 pc
Sales key	AB26
Product key	ABQEDJ
GTIN	4055626534015
Weight per piece (including packing)	24.54 g
Weight per piece (excluding packing)	24.54 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 x 1.5 With flat nut
Assembly instructions	With flat nut

Product properties

Product type	Circular connectors (device side)
Number of positions	4
Shielded	yes
Coding	D
Thread type	M12
In collection of a constant time	

Insulation characteristics

Overvoltage category	II	
Degree of pollution	3	

Dimensions

Length of the solder pin	6 mm
	6 mm

Material specifications

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 _N	250 V

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Nominal current I _N	4 A
Connection data	
Conductor connection	
Connection method	Wave soldering
Contact connection type	Socket
Tightening torque	3 Nm 4 Nm (Installation-side)

Mechanical properties

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Insertion/withdrawal cycles	> 100

Connector

Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M12
Head locking type	Push-Pull
Coding	D

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
	IP65/IP67
Ambient temperature (operation)	-25 °C 85 °C (Plug / socket)
	-40 °C 85 °C (without mechanical actuation)

Standards and regulations

M12

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

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Phoenix Contact USA 586 Fulling Mill Road Middletown, PA 17057, United States (+717) 944-1300 info@phoenixcon.com