# SACC-DSI-M12MS-4CON-L180 VA - Device connector rear mounting



#### 1404979

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Device connector rear mounting, 4-position, Pin, straight, M12, coding: A, Rear mounting, Pg9, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0. 1 %) item no.: 1238709

# Your advantages

Easy PCB assembly: one-piece connectors for wave soldering

# Commercial data

Item number	1404979
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	AB26
Product key	ABQEOL
Catalog page	Page 270 (C-2-2013)
GTIN	4046356740760
Weight per piece (including packing)	15.45 g
Weight per piece (excluding packing)	15.45 g
Customs tariff number	85366990
Country of origin	DE



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# Technical data

## Notes

General	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.
General	Lock nut is included in the scope of delivery

## Mounting

Mounting type	Rear mounting Pg9 With locking nut
Assembly instructions	With locking nut

# Product properties

Product type	Circular connectors (device side)	
Number of positions	4	
Shielded	no	
Coding	A	
Thread type	M12	
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	VO
Seal material	FKM
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Stainless steel

## **Electrical properties**

Rated surge voltage	2.5 kV
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U <sub>N</sub>	250 V
Nominal current I <sub>N</sub>	4 A



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Test voltage	2.5 kV	
rest voltage	2.3 KV	
Connection data		
Conductor connection		
Connection method	Wave soldering	
Contact connection type	Pin 3 Nm 4 Nm (Installation-side)	
Tightening torque	5 Nm 4 Nm (Installation-side)	
Mechanical properties		
Mechanical data		
Insertion/withdrawal cycles	> 100	
Connector		
Connector		
Connection 1		
Head design	Pin	
Head cable outlet	straight	
Head thread type	M12	
Coding	A	
Cable/line		
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	IP65/IP67/IP69/IP69K	
	IP65/IP67/IP69K	
Ambient temperature (operation)	-25 °C 85 °C (Plug / socket)	
	-40 °C 85 °C (without mechanical actuation)	
	-25 °C 85 °C (Cable, flexible installation)	
	-40 °C 85 °C (cable, fixed installation)	
Standards and regulations		
M12		
IVI 1 Z		

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101



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# Classifications

# ECLASS

	ECLASS-11.0	27440102	
	ECLASS-12.0	27440116	
	ECLASS-13.0	27440116	
ETIM			
	ETIM 9.0	EC002635	
UNSPSC			
	UNSPSC 21.0	39121400	



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# Environmental product compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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