

1409464

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Device connector rear mounting, 5-position, Pin, straight, M12, coding: A, Rear mounting, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1238819

### Your advantages

- · Easy PCB assembly: one-piece connectors for wave soldering
- · All standard pin assignments and codings for signal, data, and power transmission with a uniform design-in design

#### Commercial data

Item number	1409464
Packing unit	20 рс
Minimum order quantity	20 рс
Sales key	AB26
Product key	ABQEGL
GTIN	4046356893541
Weight per piece (including packing)	14.96 g
Weight per piece (excluding packing)	14.29 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

#### Mounting

Mounting type	Rear mounting

### Product properties

P	Product type	Circular connectors (device side)
N	Number of positions	5
S	Shielded	no
C	Coding	A
Т	Thread type	M12
Insu	ulation characteristics	
C	Overvoltage category	II
C	Degree of pollution	3
Mater	rial specifications	
F	Flammability rating according to UL 94	V0
Electr	rical properties	
N	Nominal voltage U <sub>N</sub>	60 V
N	Nominal current I <sub>N</sub>	4 A

#### Connection data

Conductor connection	
Connection method	Wave soldering
Contact connection type	Pin
Tightening torque	2 Nm 3 Nm

#### Connector

Connection 1		
Head design	Pin	
Head cable outlet	straight	
Head thread type	M12	
Coding	A	



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#### Environmental and real-life conditions

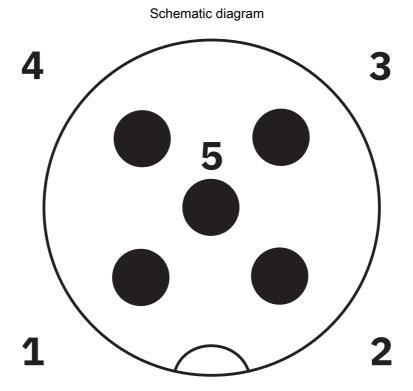
	Ambient conditions	
	Degree of protection	IP65/IP67
Sta	andards and regulations	
	Standard designation M12 connector	
	Standard designation	M12 connector



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Drawings



Pin assignment M12 male connector, 5-pos., A-coded, male side



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### Approvals

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.91	<b>cUL Recognized</b> Approval ID: E118976-20	0100522			
		Nominal voltage U <sub>N</sub>	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
		60 V	4 A	22 - 22	-
<b>F</b> 1	UL Recognized Approval ID: E118976-20	100522			
		Nominal voltage U <sub>N</sub>	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
		60 V	4 A	22 - 22	-
c <b>91</b> us	<b>cULus Recogniz</b> Approval ID: E221474				
c <b>91</b> us			Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>

cULus Recognized

## SACC-DSI-M12MS-5CON-PG9-L180 - Device

## connector rear mounting



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### Classifications

ECLASS		
ECLASS-13.0	27440109	
ETIM		
ETIM 9.0	EC002635	
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 "Manufacture 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	0c8449a2-a429-42d7-a355-e8600eb04765

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