

SACC-DSIV-M12FS-5CON-L180-SI - Device connector rear mounting



1528167

<https://www.phoenixcontact.com/us/products/1528167>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Device connector rear mounting, 5-position, Socket, straight, M12, A-coding, Wave soldering, this item is expected to be lead-free from Q1 2027 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

Commercial data

Item number	1528167
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AB26
Product key	ABQEHL
GTIN	4046356023146
Weight per piece (including packing)	22.2 g
Weight per piece (excluding packing)	16.507 g
Customs tariff number	85366990
Country of origin	DE

SACC-DSIV-M12FS-5CON-L180-SI - Device connector rear mounting



1528167

<https://www.phoenixcontact.com/us/products/1528167>

Technical data

Notes

Order information:	Lock nut is included in the scope of delivery
--------------------	---

Mounting

Mounting type	Rear mounting (Pg9, with locking nut)
---------------	---------------------------------------

Product properties

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

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Material Housing	CuZn
Material Housing surface	Ni
Material Contact carrier	PBT
Material Contact	CuZn
Material Contact surface	Au
Material Seal	NBR
Flammability rating according to UL 94	V0

Electrical properties

Contact resistance	$\leq 0.003 \Omega$
Insulation resistance	$\geq 100000 \Omega$
Nominal voltage U_N	60 V
Nominal current I_N	4 A

Connection data

Conductor connection

Connection method	Wave soldering
Contact connection type	Socket

Connector

Connection 1

Head design	Socket
-------------	--------

SACC-DSIV-M12FS-5CON-L180-SI - Device connector rear mounting



1528167

<https://www.phoenixcontact.com/us/products/1528167>

Head cable outlet	straight
Head thread type	M12
Coding	A

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 90 °C (Plug / socket)
UL Type Rating	Type 4 (indoor use only)

SACC-DSIV-M12FS-5CON-L180-SI - Device connector rear mounting

1528167

<https://www.phoenixcontact.com/us/products/1528167>

Drawings

Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, socket side view

SACC-DSIV-M12FS-5CON-L180-SI - Device connector rear mounting



1528167

<https://www.phoenixcontact.com/us/products/1528167>

Classifications

ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

ETIM

ETIM 10.0	EC003568
-----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

SACC-DSIV-M12FS-5CON-L180-SI - Device connector rear mounting



1528167

<https://www.phoenixcontact.com/us/products/1528167>

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 "Manufacturer 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	59281fb9-d492-4065-b390-f7b605b584f4

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

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