

SACC-DSI-M12FS-8CON-L180 VA - Device connector rear mounting



1529797

<https://www.phoenixcontact.com/no/products/1529797>

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, 8-position, Socket, straight, M12, coding: A, Rear mounting, Pg9, Solder pins, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239921

Your advantages

- Easy PCB assembly: one-piece connectors for wave soldering

Commercial data

Item number	1529797
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	31BAB
Product key	ABQEPL
Catalog page	Page 270 (C-2-2013)
GTIN	4017918981792
Weight per piece (including packing)	16 g
Weight per piece (excluding packing)	16 g
Customs tariff number	85366990
Country of origin	DE

SACC-DSI-M12FS-8CON-L180 VA - Device connector rear mounting



1529797

<https://www.phoenixcontact.com/no/products/1529797>

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	8
Coding	A
	A
Thread type	M12

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	V0
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	0.8 kV
Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage U_N	30 V
Nominal current I_N	2 A

Connection data

Conductor connection

Connection method	Solder pins
-------------------	-------------

SACC-DSI-M12FS-8CON-L180 VA - Device connector rear mounting



1529797

<https://www.phoenixcontact.com/no/products/1529797>

Contact connection type	Socket
Tightening torque	3 Nm ... 4 Nm (Installation-side)

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 100
-----------------------------	-------

Connector

Connection 1

Head design	Socket
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

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

SACC-DSI-M12FS-8CON-L180 VA - Device connector rear mounting

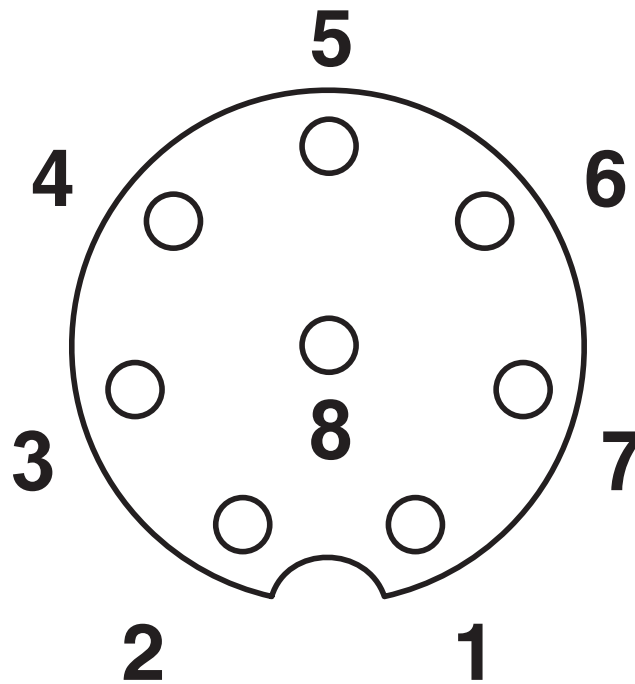


1529797

<https://www.phoenixcontact.com/no/products/1529797>

Drawings

Schematic diagram



Pin assignment M12 socket, 8-pos., A-coded, view female side

SACC-DSI-M12FS-8CON-L180 VA - Device connector rear mounting



1529797

<https://www.phoenixcontact.com/no/products/1529797>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/no/products/1529797>

	UL Recognized			
	Approval ID: E118976-20100522			
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	30 V	2 A	24 - 24	-

	cULus Recognized			
	Approval ID: E221474-20140616			
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	30 V	2 A	-	-

SACC-DSI-M12FS-8CON-L180 VA - Device connector rear mounting



1529797

<https://www.phoenixcontact.com/no/products/1529797>

Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 9.0	EC002635
----------	----------

UNSPSC

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

SACC-DSI-M12FS-8CON-L180 VA - Device connector rear mounting



1529797
<https://www.phoenixcontact.com/no/products/1529797>

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"

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT AS
Strømsveien 344
N-1081 Oslo
+47 22 07 68 00
norge@phoenixcontact.com