

SACC-DSI-M8MS-8CON-M8-L180 SH - Device connector rear mounting



1424236

<https://www.phoenixcontact.com/us/products/1424236>

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, Universal, 8-position, Pin, straight, M8, A-coding, Wave soldering

Your advantages

- Easy PCB assembly: one-piece connectors for wave soldering
- Standard pin assignments and codings for signal transmission with a uniform design-in design
- For high transmission reliability: optional shield connection to the housing and latching on the PCB

Commercial data

Item number	1424236
Packing unit	20 pc
Minimum order quantity	1 pc
Sales key	AB22
Product key	ABQJAA
GTIN	4046356712484
Weight per piece (including packing)	6.165 g
Weight per piece (excluding packing)	6.165 g
Customs tariff number	85366990
Country of origin	DE

SACC-DSI-M8MS-8CON-M8-L180 SH - Device connector rear mounting



1424236

<https://www.phoenixcontact.com/us/products/1424236>

Technical data

Mounting

Mounting type	Rear mounting (M8 x 1, with flat nut)
Tightening torque	1 Nm ... 1.5 Nm (Installation-side)

Product properties

Product type	Circular connectors (device side)
Number of positions	8
Shielded	yes
Coding	A
Thread type	M8

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Material Housing	GD-Zn
Material Housing surface	Ni
Material Insulating body	PA 6.6
Material Contact	Cu alloy
Material Contact surface	Au
Material Seal	NBR
Flammability rating according to UL 94	HB

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 AC
	30 V DC
Nominal current I_N	1.5 A

Connection data

Conductor connection

Connection method	Wave soldering
Contact connection type	Pin
Tightening torque	1 Nm ... 1.5 Nm (Installation-side)

Connector

Connection 1

SACC-DSI-M8MS-8CON-M8-L180 SH - Device connector rear mounting



1424236

<https://www.phoenixcontact.com/us/products/1424236>

Head design	Pin
Head cable outlet	straight
Head thread type	M8
Coding	A

Cable/line

Signal type/category	Universal
----------------------	-----------

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-40 °C ... 85 °C
	-25 °C ... 85 °C

Standards and regulations

Standard designation	M8 circular connector
Standards/specifications	according to IEC 61076-2-104

SACC-DSI-M8MS-8CON-M8-L180 SH - Device connector rear mounting

1424236

<https://www.phoenixcontact.com/us/products/1424236>

Drawings

Schematic diagram



M8 plug pin assignment, 8-pos., view of pin side

SACC-DSI-M8MS-8CON-M8-L180 SH - Device connector rear mounting





1424236

<https://www.phoenixcontact.com/us/products/1424236>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424236>

 cUL Recognized Approval ID: E221474-20070307				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	30 V	1.5 A	26	-

 UL Recognized Approval ID: E221474-20070307				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	30 V	1.5 A	26	-

SACC-DSI-M8MS-8CON-M8-L180 SH - Device connector rear mounting



1424236

<https://www.phoenixcontact.com/us/products/1424236>

Classifications

ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

ETIM

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

UNSPSC

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

SACC-DSI-M8MS-8CON-M8-L180 SH - Device connector rear mounting



1424236

<https://www.phoenixcontact.com/us/products/1424236>

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	8b886aaa-f71f-429d-abdd-8ee0c55823f1

EF3.1 Climate Change

CO2e kg	1.485 kg CO2e
---------	---------------

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